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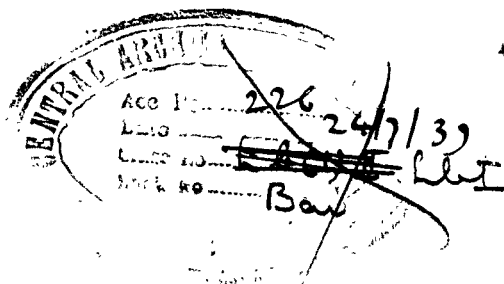
by

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WORKS BY THE SAME AUTHOR

- Brief Panjābī Grammar*, 1904.
- Languages of the Northern Himalayas*, 1908.
- Panjābī Manual* (joint), 1913
- Kanaurī Vocabulary*, 1913.
- Panjābī Phonetic Reader*, 1914.
- English-Panjābī Vocabulary*, 1919
- Linguistic Studies from the Himalayas*, 1920.
- Shina Grammar*, 1924.
- History of Urdū Literature*, 1932.
- Linguaphone Hindustānī Course*, 1934.
- Sounds of Kashmīrī*, 1937.

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PREFACE

This volume contains 54 articles and notes which I have written from time to time and published in *The Journal of the Royal Asiatic Society*, *The Bulletin of the School of Oriental Studies*, *The Journal of the Asiatic Society of Bengal*, *The Journal of the Gypsy Lore Society*, and the *Zeitschrift der Deutschen Morgenländischen Gesellschaft*. I am greatly obliged to the Editors of these journals for permission to reprint them. They give a fair representation of the kind of linguistic work which appeals to me, a study of the pronunciation (phonetics), history, grammar, and poetry of languages, especially those of North India.

The principal languages dealt with are Urdū, Hindī, Panjābī, Shina (Ṣiṇā), Kanaurī, Nepālī, and Rājasthānī. I regret Kashmīrī is not represented except in one note.

When I was in India I spent a large part of many holidays in reducing to writing unknown or little known languages spoken by illiterate people. It is a fascinating occupation, and as one looks back on it there rises to memory an array of delightful and variegated scenes, and the mind dwells on happy experiences of long ago. The only example in this book of that kind of work is the grammar of Kanaurī, a Tibeto-Burman language of considerable interest. Hebrew and Arabic come into an appendix. All but two of the articles have been written in England during the last fifteen years.

A list of the subjects discussed will be found in the table of contents.

T. GRAHAME BAILEY,
June, 1938.

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See also Nos. 24, 30-32, 37.

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URDU: THE NAME AND THE LANGUAGE

PART I

Epitome.—Urdu was born in 1027; its birthplace was Lahore, its parent Old Panjabi; Old Kharī was its step-parent; it had no direct relationship with Braj. The name Urdu first appears 750 years later.

The problem of Urdu has not yet been solved. This note is written with a view to crystallizing thought about the matter, and is of necessity more summary than would be desirable if limitations of space had not to be considered.

Perhaps the most important date in the history of Urdu is 1027, the year in which Maḥmūd G̃aznavī annexed the Panjab. He had already made expeditions into the country, but in that year he formally claimed possession of it and settled troops in the capital, Lahore. To 1027 may be assigned the birth of Urdu. At that time these Persian-speaking soldiers began to live among a people whose language was old Panjabi, to mix with them, to have intercourse with them, and, we cannot doubt, to learn their language. The contrary idea that the people all began to speak Persian may be dismissed. The army must have used this old form of Panjabi, not very different in those days from the early Kharī Bolī of Delhi, but they introduced Persian words and possibly phrases. This means simply that they must have begun to speak early Urdu.

For 160 years Maḥmūd G̃aznavī and his successors held the Panjab; it was wrested from them in 1187. For the second time the country was seized by men who spoke Persian. This time the conqueror was Muḥammad G̃orī whose servant Qutb ud Dīn Aibak captured Delhi in 1193 and became the first Sultān on the death of his master in 1206. It seems clear

that his troops made friends with the soldiers whom they defeated in Lahore, and that the two armies went on to Delhi leaving a sufficient force to keep open the lines of communication ; for Aibak cannot have annihilated the fighting men in Lahore and he would not have permitted the menace of a hostile army in his rear. We may conclude that a considerable number of those who entered Delhi with Qutb ud Dīn Aibak already spoke early Urdu. This language, altered by the influence of the new troops who spoke Persian, and of the city people whose language was old Khaṛī, developed into later Urdu.

This sketch of the origin of Urdu suggests that we should regard Lahore, not Delhi, as its birthplace, and early Panjabi as its parent language. Unfortunately we have no means at present of ascertaining what Panjabi at that time was like ; we feel sure, however, that it had not diverged far from old Khaṛī. We may dismiss Braj from our calculations ; there is no reason to think that it had any direct connection with Urdu. When Urdu was born in 1027 Panjabi was only entering the modern stage. Although we can hardly doubt the general course of events, we do not get on to firm ground till 1326, when Muḥammad Tuglaq invaded the Deccan and founded Daulatābād. We know that his troops spoke Urdu ; and when in 1347 'Alā ud Dīn Bahmanī revolted against him and ascended the throne as the first ruler of the Bahmanī dynasty, his state made Urdu its official language.

If it be objected that there is not complete proof of some of the above statements, we can admit that fact, but point out that the proof is stronger than for the hitherto accepted view that Urdu began in Delhi during the Mugal period.

Indian writers usually consider that the royal camp in Delhi was first called the *urdū* by the Emperor Bābur in his work, *Tuzuk i Bāburī*. It may be so. He was a Turkī who came from Turkistān in 1526 and naturally spoke of his *urdū* ; but the word is found in the *Jahāṅkushā* of Javainī, 1150, e.g. vol. i, p. 162 :—

dar urdū e shāhzādagān dar natawānand āmad, "they cannot enter the camp of the princes";

and on p. 148 :—

dar andarūn i urdū āmadand, "they came into the camp." There seems to be no reason why the army in Lahore or Delhi should not have been called the *urdū* several centuries earlier than Bābur.

When does the word Urdu first occur as the name of a language? It became common in Lucknow after 1846 and in Delhi after 1857. We must make a sharp distinction between Urdu, used by itself as a proper name, and *zabān i Urdū*; for we cannot be sure that *zabān i Urdū* is a name; it may be a mere description, "the language of the army."

Perhaps the earliest example of the word standing alone and bearing the sense of Urdu language is in Muṣḥafī, 1750–1824 :—

*Khudā rakkhe zabā ham ne sunī hai Mīr o Mirzā kī
Kahē kis mūh se ham ai Muṣḥafī Urdū hamārī hai?*

"I have heard the language of Mīr and Saudā; how can I dare to assert that Urdū is my language?"

We are unable to say in what year these words were written. Muṣḥafī may have composed the verse any time after he was grown up. He was a recognized poet in 1776.

J. B. Gilchrist, writing in 1796, mentions the name as well known. His words are: "In the mixed dialect also called Ōördoo اردو, or the polished language of the Court, and which even at this day pervades the vast provinces of a once powerful Empire" (*A Grammar of the Hindoostanee Language*, p. 261). As we do not know the date of Muṣḥafī's lines we must admit that Gilchrist *may* have been the first person who in literature used Urdu as the name of the language.

Jules Bloch has made a striking suggestion, which he admits is only an intuitive feeling requiring to be substantiated by proof, that the name Urdu is due to Europeans. In this connection it is important to note that Gilchrist in the sentence just quoted mentions Ōördoo as a name already

established. His statement seems to make it clear that Indians used the word. Gilchrist himself always called the language "Hindoostanee".

W. H. Bayley in an English and "Hindoostanee" thesis, 1802, which may be consulted in the British Museum, says "the language which I have specified by the name of Hindoostanee is also frequently denominated Hindee, Oordoo, Moosulmanee and Rekhtu".

Sayyid Inshā in *Daryā e Latāfat*, 1807 (Lucknow ed., p. 2), writes : *Khush bayānān i ājā muttafiq shuda az zabāhā e muta'addad alfāz i dilcasp judā namūda o dar ba'zī 'ibārat bakār burda zabāne tāza sivā e zabāhā e dīgar rasānīdand o ba urdū mausūm sākhtand* : "the good speakers of Delhi united in separating attractive words from several languages and using them in sentences ; in this way they produced a new language, different from other languages, and called it Urdū."

Mir Amman in the preface to *Bāg o Bahār*, 1802, gives an account of the birth of Urdū, and though he never uses the word alone (he says *Urdū kī zabān*) it is clear from the whole context that he is thinking of a definite name.

We conclude that while Fārsī and Hindī had for long been used as proper names Urdu did not receive similar recognition till near the dawn of the eighteenth century.

The phrase *zabān i urdū e mu'allā* seems to occur for the first time in Mir's *Nikāt ush Shu'arā*, 1752. On p. 1 of the Badāyū edition he says : *poshīda na mānad ki dar fann i rekhta ki shi'rest bātaur i shi'r i Fārsi ba zabān i Urdū e mu'allā e Shāhjahanābād Dihlī kitābe ta hāl taṣnīf na shuda* : "we must remember that up to the present no book has been written on the art of *Rekhta*, which is poetry in the style of Persian poetry but in the language of the royal camp of Delhi."

Here *urdū e mu'allā* may possibly mean *faṣīḥ aur mustanad Urdū*, the idiomatic and authoritative Urdu of Delhi.

Two years later Qāim writes in *Makhzan i Nikāt* (Aurangabad ed., 33) :—

akṣare az tarkībāt i Furs ki muāfiq i muḥāvara e urdū e mu'allā mātūs i gosh meyāband minjumla e javāz ul abyān me dānand: "most Persian constructions which strike their ears as familiar from the point of view of the idiom of the royal camp they regard as among the things lawful in poetry."

Here, too, the phrase may mean "correct Urdu idiom", and the author may not be thinking of the army. But as Mīr and Qāim appear always to use Hindī or Rekhta as the name of the language we should perhaps translate "the language, or idiom, of the army".

Mīr's son, 'Arsh, who lived well into the nineteenth century, says :—

*ham haī Urdū e mu'allā ke zabāddā ai 'Arsh
mustanad hai jo kuch irshād kiya karte hai*

"I speak the Urdu e Mu'alla language and what I say is authoritative". The date of the lines is unknown. The author's father died in 1799 at the age of 86 (not in 1810, as usually stated).

Finally, Muḥammad 'Aṭā Ḥusain in *Nau Tarz i Muraṣṣa'*, 1798, speaks of *zabān i urdū e mu'allā*.

Mr. G. M. Qādri has drawn my attention to two MSS. which contain perhaps the earliest instances of the use of *zabān i urdū* without further description. The references are :—

Tazkira e Gulzār i Ibrāhīm, by 'Alī Ibrāhīm Khā, 1783 (speaking of Vaṣālat Khā Ṣābit), *tatabbu' i zabān i urdū namūda*, "he followed the Urdu language," or "the language of the urdū", i.e. devoted attention to it.

Tazkira e Shu'arā e Hindī, by Muṣḥafī, 1794 (speaking of Muḥammad Amān Niṣār), *adā e zabān i urdū*, "the style of the Urdu language," or "of the language of the urdū".

THE PROBLEM OF THE NAME. It is always stated that the language was originally described as the speech of the army or camp, *zabān i urdū*, and that gradually the word *zabān*

was dropped, leaving *urdū* to stand alone. This explanation gives rise to a great difficulty. We have seen that Urdu was first used by itself in the poems of Muṣḥafī. We may perhaps guess the date of the couplet in which the word appears as the year 1790, when the author was 40. We are now faced by the fact that the first instance of the use of the word was 763 years after the establishment of the army in Lahore, almost 600 years after the *urdū* was settled in Delhi, and 261 years after Bābur called his camp the *Urdū e Mu'allā*. The Urdu language had been in existence for about 750 years before anyone gave it, in writing at any rate, the name by which it is now always known. Even if we take the earlier date, 1752, when Mīr described it as the language of the royal camp, we deduct only thirty-eight years from our figures. None of the historians of the Mughal period ever used the name. We have to answer three questions :—

(1) Why was there a delay of centuries in giving the name Urdu ?

(2) If a new name had to be given in the eighteenth century, why was this name chosen for the language when it had many, many years previously been given up for the army ?

(3) If the army was not called *urdū* till Babur's time, 1526, the language which had then existed for nearly 500 years must already have had a name. Why was that name given up ?

It is easier to state the problem than to solve it. I see no solution except this : that some name or description such as *zabān i urdū* was in conversational use from the time when the army was first called *urdū*, and that very gradually, hundreds of years later, it crept into books, possibly earlier than we are now aware of, while the use of Urdu alone was still later. I feel the inadequateness of this, but perhaps it will lead to something fuller. We must always remember that in early days Urdu literature was not so accurate a reflection of daily life and speech as it is now, and there may have been much in ordinary talk which found no echo in books.

PART II

In the eighteenth century and earlier Hindi (sometimes
Hindustani) was the usual name for the language.

Ṣāib, in *Rekhta* he regards Valī as his master.” See *Āb i Hayāt*, ed. 1917, p. 115.

Mīr Ḥasan, d. 1786, uses *Hindī* or *Rekhta* and avoids *Urdū*. In his anthology, 1776, he has the phrase : *tazkira e sukhān āfrīnān i Hindī*, “an anthology of Urdu poets” (p. 40).

Even Shāh ‘Abdul Qādir in his well-known Urdu translation of the Qur’ān uses the name *Hindī* : *is mē zabān i rekhta nahī bolī balki Hindī e muta‘āraf ki* ‘*avāmm ko be takalluf daryāft ho* ; “I have not used *Rekhta* in my translation, but well-known Urdu that ordinary people might easily understand it”.

Mīr, 1713–99, Saudā, 1713–80, and Qāim (d. about 1790) use the word *Rekhta* very often. I will content myself with one quotation from Mīr :

*mazbūt kaise kaise kahe rekhte vale,
samjhā na koī merī zabā is diyār mē.*

“What fine *Urdū* verse I have written, but no one in these parts understands me”.

The name *Hindī* requires no comment. It was the natural word to use in early times. Several explanations have been given of *Rekhta*, a Persian word which means “poured”, and has no literary signification in Persian. The most important are the following :—

(1) Urdu is called *Rekhta* because Arabic and Persian words were poured into it.

(2) *Rekhta* means “down and out”, and Urdu was at first regarded as something contemptible.

(3) It means verses in two languages, and at first Urdu and Persian were used side by side.

(4) It is a musical term introduced by Amīr *Khusrāu* indicating the application of the music of one language to the words of another.

(5) It means a wall firmly constructed of different materials, as Urdu is of diverse linguistic elements. This is the opposite of (2).

Şafîr Bilgrāmî in *Jalva e Khizr* says that the name *Rekhta* has been in use since the time of Shāhjahān. This requires proof.

Other early names may be mentioned.

According to Maḥmūd Shīrānī *zabān i Dihlavī* was used by Amīr *Khusrau* (d. 1324) and by Abu'l Faẓl (in *Āin i Akbarī*).

Shāh Ḥātīm in the preface to his *Dīvānzāda* quoted above calls Urdu “rozmarra e Dīhlī” : *rozmarra e Dihlī ki Mirzān i Hind dar muḥāvara ārand manzūr dārad*, “I have accepted the daily speech of Delhi which is the idiom of the Mirzas of India.”

Again : *rozmarra rā ki ‘ām fahm o khāṣṣ pasand bāshad ikhtiyār namūd*, “I have chosen the daily speech understood by all and liked in select circles.” (As has been noted before he refers to himself in the third person.)

To turn to Dakanī writers. Shāh Mīrā Jī, d. 1496, a famous religious writer, who preached and wrote in Urdu, explains that he wrote in “Hindi” in order that people might understand : *yeh bolū Hindī sab, is artō ke sababb*, “I am saying all this in Urdu for this reason”.

His son, Shāh Burhan ud Dīn, d. 1582, says in his poem *Irshād Nāma* : *‘aib na rākhē Hindī bol*, “do not blame me for using Urdu.” He also calls it Gujrī, which is not unnatural, for his language is marked by many Gujrati features :

je hoe gyān bicārī,

na dekhē bhākhā Gujrī (Hujjat ul Baqā)

“learned people will not look at Gujrī” i.e. Urdu.

yeh sab kīā Gujrī zabā (Irshād Nāma)

“I have done all this in Gujrī (Urdu)”.

Vajhī, the famous author of *Qutb Mushtarī*, 1609, referred to in the India Office Catalogue as nameless and anonymous, wrote in 1634 a prose work *Sab Ras*. After the ascriptions of praise he proceeds : *āqāz i dāstān ba zabān i Hindostān*, “here begins the story in the language of Hindustan,” i.e. the Urdu of Delhi as distinguished from Dakanī.

The dialect of the Deccan was often called Daknī or Dakhanī, e.g. Rustamī's *Khāvarnāma*, 1649, *Khāvarnāma e Daknī kūtā hū nām* "I have called it the Dakni *Khavaranāma*" (last line but five).

Shāh Malik's *Sharī'at Nāma*, 1666, *Dakhanī mē bolyā hai šāf*, "said it plainly in Dakhani." (This author is mistakenly called "Shāh Mulk" in the India Office Cat.)

BĀQIR ĀGĀH AND THE DATE OF THE NAME URDŪ

In *JRAS.*, Apr., 1930, pp. 391-400, under the heading "Urdū : the Name and the Language" I discussed *inter alia* the question of when the word was first used by itself as the name of a language, and said that the first definitely datable instance I could find was in Gilchrist's *Grammar of the Hindoostanee Language*, 1796, p. 261, but that a couplet from one of Muṣṭafī's poems, date unknown, was probably earlier. Another quotation, which also might be earlier, was from Mīr's son 'Arsh. Since then I have not been able to get anything which certainly bears a date before 1796, but the following facts are worth recording as a further contribution to the subject.

MĪR ḤASAN.—The *Tazkira e Hasan*, a *tazkira* by the famous poet Mīr Ḥasan, has been published with the title of *Tazkira e Shu'arā e Urdū*. Mīr Ḥasan died in 1786 and the work itself was written about ten years before his death; it appears, therefore, at first sight, as if here we had an instance twenty years before Gilchrist's *Grammar*. I do not think, however, that the title of the book is authentic. There is no proof that Mīr Ḥasan ever used the word "Urdū". He refers to his anthology on its first page as a *tazkira e suḥḥan āfrīnān i Hindī*, an anthology of Hindī poets, meaning Urdū poets.

BĀQIR ĀGĀH.—The word "Urdū" occurs in the introduction to the *Dīwān i Hindī* of Muḥammad Bāqir Āgāh, 1745-1805, a prolific writer in Arabic, Persian, and both dialects of Urdū (the southern dialect spoken in the Deccan, and the northern spoken in Delhi). He was a spiritual disciple of Sayyid Abu'l Ḥasan Qurbā, 1705-68, and belonged to the Deccan, being a native of Ellore. Our chief source of information about him is the *Tazkira Gulzār i A'zam*, the compiler and author of which was Muḥ. Gauṣ Khā. It is an anthology of Kārnāṭak (Carnatic) poets, begun in 1841 and printed in 1855, the year of the author's death. Other authorities

which may be consulted are *Fihrist Urdū Makhtūtāt i Kutubkhāna e Kulliya e Jāmi'a e 'Uṣmāniya e Ḥaidarābād Dakan*, pp. 17-21, 127-8; *Urdū*, Apr., 1929, pp. 281-318; and *Urdū ke Asālīb i Bayān*, pp. 30 and 32 (only a few lines).

Āgāh frequently refers to the well-known Delhi poet Saudā, who died in 1780, and indeed sometimes pokes fun at him, as in the following couplet :

*Āgāh gar sune namkīn nazm tirī
Saudā kahe kī shī'r se mere namak gayā*

O Āgāh, if Saudā hears this tasty poem of thine, he will say "all the taste has gone out of my verses".

One of his numerous works was the *Dīvān i Hindī*, a book of *qaṣīdas*, *gazals*, *rubā'īs*, *qit'as* and other poems, almost all in Urdū, the majority in Persian metres, but some in Hindī metres such as the *doha* and the *kabitt*. To this *Dīvān* he wrote a prose *dībāca*, or introduction, of great interest. It was published in *Urdū*, Apr., 1929. From a perusal of it we get valuable information. Amongst other things we learn that he used the name "Hindī" for "Urdū", whether Delhi Urdū or Daknī, but that when he wished to distinguish the language of Delhi from that of the Deccan he used the terms "Urdū" and "Daknī" (or "Dakhnī"), while verses in either dialect he called *rekhte*.

We have thus the following terms as employed by him :—

Hindī for the Urdū language, whether northern or southern.

Urdū for the language of Delhi.

Daknī for the variety of Urdū spoken in the Deccan.

rekhte for verses in either dialect of Urdū (both Persian and Hindī metres).

The fact that he confines the name "Urdū" to the Delhi dialect and does not include Daknī is very important.

Another interesting Urdū work is *Farāid dar Favāid*. This has not been published, but a MS. exists in the Library of the Osmaniyyeh University in Hyderabad.

In the *Dībāca* to the *Dīvān i Hindī* he uses the word Urdū

three times. As he was born in 1745 and began writing verse in his fifteenth year, he might have spoken of Urdū any time after 1759. The question to be decided, therefore, is the date of the *Dībāca*, which is nowhere given. We begin our study of it with high hopes that we may be able to put it between 1765 and 1775, and so claim for the use of the term *Urdū* (as the name of a language) a date twenty or thirty years earlier than 1796, when Gilchrist's work appeared.

Alas for such hopes! It soon becomes abundantly clear that the *Dībāca* cannot have been written before 1795 and may have been later. In the second quarter of it he refers to his *Hasht Bihisht*, begun in 1791, in the last quarter he mentions his *Riyāz i Jinān*, written in 1792, and to his *Farāid dar bayān i Favāid*, which was not written till 1795. The authority for the date of *Riyāz i Jinān* is a quotation from a MS. of the work in the Osmaniyyeh University (*Urdū*, Apr., 1929, p. 292), as follows:—

jab the bāra sau aur sāt baras tab banā hai yeh nuskha e aqdas, in the year 1207, was written this holy book. The date of the *Farāid*, given on the same page, is taken from another MS. in the University, but no sentence is quoted.

Just before the reference to *Riyāz i Jinān* we read these words: *yeh haqir i nāras āke tīs battīs baras ke kyā Fārsī aur kyā Hindī mē sab aqsām shi'r mē nazm kīā thā*, this unworthy despicable person (the author) thirty or thirty-two years ago wrote poetry in every style of verse, whether Persian or Urdū: (*āke* is, of course, for *āge*). This suggests that he had been writing verse for thirty-two years. If to this we add, say, 14½ years, his age when he began writing, we get 46½, the equivalent of 45 of our years. That brings us to 1790. But it may well be that he dated from a few years after his fifteenth year, and in that case we get back to 1795 or later. We arrive at the reluctant conclusion that Bāqir Āgāh's *Dībāca* to his *Dīvān i Hindī* does not furnish us with a date before 1796 for the use of the word Urdū.

We may now proceed to quotations illustrative of the

terms Urdū, Daknī, Hindī, and rekhtē. We cannot say to what extent, if any, Āgāh pronounced the *izāfat*, so I omit it whenever it is not marked in the text.

(a) A few lines after the beginning of the *Dībāca* : *makhfī na rahe ki rekhta bajuz muḥāvra Hindī ke sab amūr mē Fārsī kā tābi' hai*, let us not forget that Urdū verse, apart from its being in the Hindī language (i.e. Urdū), follows Persian in everything.

(b) *Farāid dar Favāid*, ii. 5, 6.

Yeh nuskha garci hai Hindī mē manẓūm

Yihī hai ijmāl se zikr us kā marqūm

Although this book is in Urdū verse and this is in brief an account of it.

(c) After discussing different classes of poems in the *Dībāca*, he says *agar shu'arā e Dakhan alfāz mazkūr ko zer zabar karē to candā muzāiqa nahī rakhtā hai kyā vastē ki unho tasfiya muḥāvra mē is qadr jadd o kadd nahī kīe bakhilāf ṣāhibān muḥāvra Urdū ki is bāb mē sa'ī balīq kar kar us roz-marra ko muḥāvra Fārsī kā ham pahlū kar dīe*, if the poets of the Deccan make alterations in the words I have mentioned (Arabic and Persian words), it doesn't matter very much, for they have not made great efforts to purify the language, in contradistinction to those who talk (or write) Delhi Urdū; they with their enormous efforts in this matter have made that form of speech equal in dignity to Persian.

(d) A little over a page further on he writes of his romance, *Gulzār i 'Ishq, is kā muḥāvra ba'ainhi muḥāvra Urdū kā hai magar kahī kahī tā 'alāmat vaṭaniyyat Dakan bāqī rahī*, its language is absolutely Delhi Urdū, but in places there are signs of my belonging to the Deccan.

(e) About a page from the end of the *Dībāca* he winds up a long sentence with the words *tā yeh majmū'a agarci mukhtaṣar hai sab aqsām i sukhan par mushtamil rahe aur ise muḥāvra Urdū se makhṣūṣ kar dīā*, in order that this collection of poems, though short, may include every kind of poetry; and I have used Delhi Urdū exclusively for it.

(f) *ba'z 'ulamā e mutaak^hkhirīn khulāṣā 'arabī kitābō kā nikālkar Fārsī mē likhe haī tā voh log jo 'Arabī nahī parh sakte haī in se fāida pāvē, lekin akṣar 'aurtā aur tamām ādmī Fārsī se bhī āshnā nahī haī is līe yeh 'āṣī baṭalab unke bahut ikhtīṣār ke sāth lekar Daknī risālō mē bolā haī*, some scholars of recent times have made a summary in Persian of their Arabic works in order that those who cannot read Arabic may profit by them, but few women and not all men know even Persian ; so this rebel (the author), at their request has spoken very briefly in Daknī tracts. (Quoted in *Urdū ke asālīb i bayān*, p. 33.)

(g) In the *Dībāca*, just before the quotation in (c) above, he says *akṣar rekhta koyā alfāz mashhūr 'Arabī o Fārsī ko zer o zabar karte haī*, generally writers of Urdū verse change well-known Arabic and Persian words.

82.

THE DATE OF OLD URDU COMPOSITION :
A CAVEAT

In attempting to assign a date to any given piece of Urdu prose or verse we are in danger of being influenced to a great extent by its likeness or unlikeness to the Urdu of to-day, and assuming that if it does not differ much from modern Urdu it cannot be old. But in this we prejudge a question of prime importance, one which, so far as I know, has never been discussed in books on Urdu literature, viz. whether the author was writing more or less as he was in the habit of speaking, or was aiming at literary style. It is not the case, as one might be inclined to think, that all Urdu writers have striven after literary effect, though it is unfortunately true that affectation and artificiality very soon began to eat the life out of their poetry. Over Persianization was perhaps due in the first place to the fact that Muslim religious terms came to India through a Persian medium, and that the oldest writers were earnest propagandists who had to use many Persian theological words, or Arabic words which had reached them through Persian. Further the only poetry the Urdu writers knew was Persian. It was therefore natural that they should fall at first under the sway of the foreign tongue, which had, in fact, been the native tongue of the ancestors of some of them. It was, on the other hand, quite unnatural afterwards that men who spoke good racy Urdu in their homes, should fill their poetry with exotic phrases and sentiments.

In the early days composition was more natural than in later times, and Dakhani authors were readier to use the Urdu of every day than those who lived in Delhi. The difference between natural and artificial Urdu is almost inconceivably great. A few examples will make this clear.

1. Examples of Urdu striving after literary effect.

(a) In 1732 Fazlī wrote a translation of a Persian work, *Dah Majlis*, imagining it to be the first translation from

Persian into "Hindī". It is a striking comment on the ignorance of Dakhani literature among the writers of North India that such an idea should have been possible, or that Āzād should have regarded the preface to that translation as the first work in Urdu prose. Actually prose had been written in Urdu for centuries before this. The subjoined quotation is punctuated as in Āzād's *Āb i Hayāt*, 1917, p. 23. Fazlī says :

phir dil mē guzrā ki aise kām ko 'aql cāhiye kāmīl aur madad kisū taraf kī hoe shāmīl kyūki be tārīd i Šamadī aur be madad i janāb i Aḥmadī—yih mushkil šūrat pizīr na hove—aur gauhar i murād rishta e maidān mē na āve—lihāzū is šan'at kā nahī huā—mukhtari'—aur ab tak tarjuma e Fārsī ba 'ibārat i Hindī naṣr nahī huā—mustama'—pas is andesha e 'amīq mē goṭa khāyā—aur bayābān i ta'ammul o tadbīr mē sargashta huā—lekin rūh maṣṣūd kī na pāī—nīgāh nasīm i 'ināyat i Ilāhī dil i afgār par ihtizāz mē a—yih bāt āina e khātīr mē mūh dikhlaī.

"Then it came into my mind that for such work one needs perfect intelligence and must get help from somewhere; because without Divine strength and the help of Muḥammad this difficulty will not take form (meaning, rather strangely, 'disappear'), and the jewel aimed at will not come into the relation of expectation; so no one has invented this art, and a Persian translation in Hindi prose has not been heard of. I was therefore plunged in deep anxiety and wandered in the desert of hesitation and policy unable to find the way I wanted; suddenly the breath of the grace of God came fluttering on my wounded heart, and this matter showed its face in the mirror of my mind."

Saudā, 1713-80, who is often considered the greatest master of words in Urdu, though not the greatest poet, wrote a prose version of Mir's *Shu'la e 'Ishq*. The date is not known, but it is some years later than Fazlī's preface just mentioned. The following is an extract from the preface (say 1755) quoted by Āzād :—

*zamīr i munīr par āīnadārān i ma'nī ke mubārhan ho
 ki mahz 'ināyat Haqq Ta'ālā kī hai jo tūtī e nāṭīqa
 shīrī sukhan ho—pas yih cand miṣrē' kī az qabīl i rekhta
 dur i rekhta khāma e do zabān apnī se safī e kāgāz par tahrīr
 pāe—lāzīm hai kī tahrīl i sukhan¹ sāmi'a sanjān i rozgār
 karū—tā zabānī in ashkhās kī hamesha maurid i taḥsīn o
 āfrīn rahū—mazmūn sīna mē besh az murg i asīr nahī—kī
 bīc qafs ke—jis waqt zabān par āyā faryād i bulbul hai vāste
 gosh i dādras ke—garaz jis ahl i sukhan kā dur i munṣif
 zīnat i lab hai sarrishṭa e ḥusn ma'anī kā is kalām ke is se
 inṣāf talab hai—agar Haqq Ta'ālā ne ṣubḥ kāgāz i safed kī
 mānīnd i shām syāh karne ko yih khāksār khalq kiyā hai—to
 har insān ke fānūs i dimāg mē cirāg i hosh diyā hai—cāhiye
 kī dekhkar nukta cīnī kare varna gazand i zahr ālūda se be ajal
 kāhe ko mare.*

“Let it be demonstrated to the enlightened minds of the mirror holders of semantics that it is only through the gift of Almighty God that the parrot of utterance attains sweet speech ; so these few lines of poured out pearls in *Rekhta* style from my bilingual pen have been written on paper. It is fitting that I should commit them to the hearing of the poets of to-day, so that at the mouth of those men I should be the object of praise and commendation. A theme in one's heart is no better than a captive bird in a cage, but when it gets utterance it is the plaint of the bulbul for the appreciative ear. Therefore this composition in the beauty of its thoughts appeals for justice to those whose lips are adorned by the pearls of impartiality. If God Almighty has created this unworthy one for the purpose of blackening white paper just as evening darkens the day, He has also put intelligence in everyone's brain like the candle under the shade ; so people should criticize, for why should one die before one's time from envenomed grief ? ”

Let us quote from Sayyid Inshā, a passage written about 1780 :—

¹ Mistake for sāmi'a e sukhan.

ibtidā e sinn i şibā tā avāil i rai'ān—aur avāil rai'ān se ila'l ān ishtiyāq i mā lā yutāq i taqbīl i 'atba i 'āliya na baḥadde thā—ki sīlk taḥrīr o taqrīr mē muntaẓam ho sake—lihāzā be vāsṭa o vāsīla ḥāẓir huā hū.

“ From the dawn of childhood to my early youth, and from early youth to now there have been no bounds to the uncontrollable desire I have felt to kiss your honoured threshold in order that my writing and speaking might be set in order like a necklace of pearls. Accordingly without cause or intermediary I have presented myself.”

2. Examples of natural, unartificial Urdu.

To make the contrast more vivid we take first a couple of sentences from the same writer, Sayyid Inshā. The following words, though ostensibly quoted, are his own. See *Daryā e Latāfat*, p. 49. How different they are from the un-Urdu nonsense just quoted :—

ajī āo Mīr ṣāhib tum to 'Īd ke cānd ho gae. Dillī mē āte the do do pahr rāt tak baiṭhte the aur rekhte parhte the. Lakhnaū mē tumhē kyā ho gayā ki kabhī tumhārā aṣar āṣār ma'lūm na huā aisā na kījiyo kahī āṭhō mē bhī na calo, tumhē 'Alī kī qasm āṭhō mē muqarrar caliyo.

“ Well, my dear sir, you've become as hard to find (and as welcome when found) as the new moon before the big feast. There was a time when on your visits to Delhi you used to come and sit in my house till midnight reciting your verses. I don't know what's happened to you in Lucknow, that there's not a trace of you anywhere. Whatever you do don't fail to turn up for the Eighth. I adjure you by 'Alī come without fail for the Eighth.”

It is not easy to believe that one man wrote both these extracts, but it is amusing to notice that in the last line of the first quotation he forgets his literary pose and stumbles into sense.

I quote now from Vajhi's *Sab Ras*, one hundred years older than the earliest of the above quotations. Owing to its being in the Dakhanī dialect, it is not quite easy to translate, but it

is perfectly straightforward ; yet from its date it should be unintelligibly archaic. Mr. G. M. Qādrī, on p. 321 of his *Urdū Shahpāre*, from which the passage is taken, states that the author is Shāh Mirā Ji. This religious writer died in 1496 ; as I am not aware that he ever wrote anything called *Sab Ras*, I venture to attribute the words to Vajhī, who wrote *Sab Ras* in 1634.

‘āshiq tū use bisar nakū, is kī yād sō dil kū shād kar aur āpas kū āpī yād dīlātā so āpas kū dīkhlātā hai, kī yū dekho yū merī šurat hai munje dekh kā kū be dil hotā hai mai ātā tere nazdīk hū aur tū to mujhe nahī dekhtā.

“ O lover of God ! do not forget Him ; by the remembrance of Him make thy heart glad. He reminds people of Himself and reveals Himself, saying ‘ Look hither, this is My form, look at Me ; why art thou dispirited, I am coming, I am near thee and yet thou seest Me not.’ ”

In 1668 or a little later Mirā Ya‘qūb translated *Khvāja Burhān ud Dīn’s Shamāil ul Atiqā*. A few words may be quoted.

(After some Arabic) *ya’nī ay mominān šabr karo hor ustuvār acho tamhīdāt is āyat mē tan hor dil hor rūḥ—yū tīno šabr karo kar ḥukm huā ya’nī šabr karo tan sō Khudā kī tā‘at par—ya’nī farmā bardārī raho hor šabr karo apne dil sō Khudā kī balā par hor ustuvār acho apne rūḥ hor sir sō, Khudā ke dekhne ke shauq hor muḥabbat par.*

(After the Arabic sentence) that means O believers, be patient and firm. The premisses in this verse are body and heart and spirit. To all three comes the command, Be patient ; that is be patient in your body in subjection to God, that is be obedient. And be patient from your heart in the afflictions of God ; and be firm in your spirit and intellect in your desire and love for a sight of God.

The extracts which have been given enable us to see that simple style and modern phraseology are not a proof of recent date ; they are merely the signs of conversational Urdu. I regard the fact as extremely important. It is very significant

that the passage from *Sab Ras*, though much simpler than the first quotation from Sayyid Inshā, is at least a century and a half earlier ; indeed, if Mr. Qadri is right in saying that Shāh Mirā Jī is the author, it is three centuries earlier.

EARLY URDU CONVERSATION

IT is natural that records of the beginnings of Urdu should be almost entirely confined to literature or quasi literature. Yet there are two classes of books which contain references to conversation ; firstly, early lives of holy men (especially in the Deccan and Gujrat), whose followers wrote accounts of their sayings and doings, occasionally quoting actual words : secondly, histories such as those by Firishta and Abu'l Fazl, in which we may find Urdu sentences spoken by emperors or kings. Urdu must often have been employed as the 'language of conversation in exalted circles even though the official language continued to be Persian.

In works by Maḥmūd Shīrānī, Shams Ullāh Qādrī, and the late 'Abd ul Ḥay Nadvī, a few of these early sayings are given (not always in the same form). Some can be so far verified in printed books, others are taken from MSS. and we cannot be certain of their age. However, in spite of our suspicions they have considerable interest. Exhaustive search would no doubt reveal many more. Regarding the question of date, see my note on the " Date of old Urdu Composition ", in *JRAS.*, October, 1930, under " Miscellanea ".

Before proceeding to the scraps of talk I give two lines, said to be found in Bābur's *Turkī Dīwān*. It will be seen that a line and a half are Urdu.

*mujkā na huā kuj havas mānak o motī
fuqarā ḥālina bas bulgusidur pānī o rutī*

" I have no desire for gems or pearls, for (the state of) poor people sufficient are water and bread ".

The MS. is in the library of the Navāb of Rāmpūr, and was written in 1529.

c. 1260. Sheḥ Farīd ud Dīn Ganj i Shakar, d. about 1267, used to call a certain friend *bhayyā* " brother " (*Asrār ul Awliyā*, p. 3). On being asked where intelligence dwelt he replied *bīc sir ke* " in the head " (*Malfūzāt*, p. 40).

c. 1350. Somewhere between 1325 and 1357 Khvāja Naṣīr ud Dīn Cīrāg, d. 1357, said to his Khalīfa, comparing him with another holy man, *tum ūpar ne tale* " you are above, he is below " (*Firishta*, ii, 399).

c. 1400. A sentence by the famous Khvāja Banda Navāz is reported in '*Ishq Nāma*, the work of a disciple 'Abd Ullāh bin Raḥmān Cishtī: *bhūkō muve sū Khudā kach apartā hai Khudā kī aparne kī isti'dād hor hai* "does one reach God by dying of hunger? It is by other means that one reaches God".

Once a friend said to him: *Khvāja Burhān ud Dīn bālā hai* "Burhān ud Dīn is exalted". He answered: *pūnō kā cānd bālā hai* "the full moon is exalted".

c. 1362. According to the *Tārīkh i Fīrozī*, Fīroz Shāh Tuglaq, 1351-88, after his successful attack on Sindh, said: *barkat Shekh theā ik muvā ik nahā* "by the blessing of the Shekh one died one did not".

The successors of Fīroz Shāh Tuglaq ordered the expulsion of most of the slaves brought by him from other parts of India. Many hid themselves, and when caught claimed to be inhabitants of Delhi. Like the Ephraimites of old who were asked to say *sibolet* and said *šibolet*, these men, it is said, were given a test in pronunciation. They were told to say *kharā kharī*, but were not able to say it in the same way as the true city people.

c. 1430. Quṭb 'Ālam, a famous religious leader in Gujrat, who died between 1446 and 1453, had a son called Sirāj ud Dīn. Shāh Bārak Allāh Cishtī gave Sirāj ud Dīn the name of Shāh 'Ālam. On hearing this his father remarked *Cishtīō ne pakāī aur Bukhārīō ne khāī* "the Cishtīs cooked it and the Bukhārīs ate it" (*Tuhfat ul Ikrām*, 47, 8). Quṭb 'Ālam and Shāh 'Ālam were Bukhārīs.

c. 1430. The *Mirāt i Sikandarī* records six sentences. Two are reported of Quṭb 'Ālam, who has just been mentioned. We may put their date as about 1430. Once on his way to early morning prayer he hurt his foot against a solid substance lying on the ground and exclaimed: *lohe yā lakkar yā patthar yā kyā hai* "iron or wood or stone or what is it?" It turned out to be a bit of a meteorite with the qualities of all three. When his son Shāh 'Ālam's fiancée was taken from him by Muḥammad Shāh, king of Gujrat, and her less well-favoured sister substituted, Shāh 'Ālam complained to his father who replied: *beṭā tussā naṣīb duhū vījh* "son your fate is (bound up) in both". Another version makes the last two words *dhuḍ bacca* fancifully translated as "the buffalo and the young one", or "the buffalo and the calf". This prophecy was fulfilled, for when the king died his widow went to live with her sister, Shāh 'Ālam's wife. On the death of this sister she married Shāh 'Ālam.

c. 1450. Another sentence is recorded as spoken by Shāh 'Ālam himself. Sultān Aḥmad Shāh of Gujrāt sought the life of one of the boy princes, Maḥmūd Shāh, whom Shāh 'Ālam was sheltering in his house. The king arrived unexpectedly at the house, but the saint transformed the boy into a venerable man. As the king entered Shāh 'Ālam said to the boy: *padh dokre* "recite, old man". Aḥmad Shāh, not finding the boy, went away. This Maḥmūd Shāh was king of Gujrāt from 1459 to 1511. Once on being insulted he said: *nīcī berī har koī jhore* "every one shakes (the fruit off) a low *ber* tree".

c. 1510. To Sikandar Shah, heir apparent, and later king of Gujrāt for two and a half months, is attributed the saying: *pīr muvā murīd joḡī huvā* "the saint is dead, the disciple has become a *joḡī*".

c. 1535. Finally, when Bahādur Shāh of Gujrāt was betrayed by Rūmī Khā to Humāyū in 1535, his parrot fell into Humāyū's hands. It astonished and no doubt amused him by screaming, upon the announcement of Rūmī Khā's arrival: *phūṭ Rūmī Khā ḥarāmkhōr, phūṭ Rūmī Khā ḥarāmkhōr* "a curse on Rūmī Khā, traitor", a sentiment which he had doubtless many times heard expressed in Bahādur Shāh's palace.

Shekh Vajih ud Dīn 'Alavī. 1505-90, was another Gujrāt saint. His disciples collected his sayings into a book named *Baḥr ul Ḥaqāiq*. The following are some of them:—

c. 1570. On hearing that Shekh Faḡl Ullāh had given up teaching, he said: *jab taraqqī pakṛēge tab āpī dars kahēge* "when he makes more progress he will of his own initiative give lessons".

c. 1570. Another saying was: *is se hor kyā khūb hai is dunyā mē ki dil Khudā sū mashgūl hove* "what is better in this world than that the heart should be occupied with God?"

c. 1570. Another was: *ārīf use kahvē jo Khudā sū bharyā hove* "we may call him a Knower who is full of God".

c. 1570. Again he said: *agar kisī kī thoṛī bhī ṣafā hove jo ḥarām luḡma khāve yā ḥarām fi'l kare to tabīc pāve, dūje bār bhī pāve, tīje bār bhī pāve* "anyone who has even a little purity, if he eats an unlawful morsel or does an unlawful deed, he will immediately find it out, a second time also he will find it out, a third time also he will find it out".

This Vajih ud Dīn had a nephew Shāh Hāshim 'Alavī, whose sayings were collected in *Maqṣūd ul 'Āshiqīn* by a disciple. I quote

three of them. Two are unfortunately in verse, and therefore less conversational.

c. 1600.

duṇyā chore shekh kahāe yih hijāb tujh bhūle nāe
ḍīnī shekhī sū yak maidān paile jhūte dūje shaitān

“ If anyone leaves the world he is called a shekh ; this world is a mere covering, do not forget that. Religiousness and shekh-hood make up a great plain, the former are false, the latter devils.” These lines are capable of many renderings. After considering a number I have chosen the one which expresses what seems to be the most probable meaning.

c. 1600.

Hāshim jī kī sunīe bāt jinne rakkhī bāsī bhāt
uskā jāve hāte hāt

“ Listen to what Hāshim says, if anyone keeps stale rice, his wealth will disappear.”

bāp ke utnā deve so pūt, bāp nē deve so supūt, bāp kā ḍiā chīne, so kupūt “ who gives as much as his father, he is a son ; if the father does not give (and yet he gives) he is a good son ; he who seizes what his father gives, is a bad son ”.

In the same book the following is quoted from Shāh Nizām ud Dīn, a pupil of Vajīh ud Dīn :—

Nizām bandagī kare to kyā hove arval jiskā nē dil ṣafā
jāma sūnde mē ḍūb rahā ose khushbū lagāe to kyā nafā

“ when a man worships, then what happens, if his heart is not clean ? If a garment is steeped in perfume, what is the good of putting scent on it ? ”

THE WORD HINDŪSTĀN

It has sometimes been said that the only correct spelling of the word is *Hindostān*, and that this is proved by its being made to rhyme with *bostān*. The fact of its so rhyming can prove only that such a form exists in verse. It does not disprove the correctness of other forms. Some confusion arises from our not knowing exactly which spelling is objected to, whether it is *Hindūstān* or *Hindŭstān* or both. There is abundant evidence to show that in Urdū *Hindūstān* is well known and correct. The following points should be noted.

(1) The spelling without *vāo* is both Turkish and Persian. This is

not important, for we are concerned with Hindī and Urdū, not with foreign languages. Turkish generally omits the *vāo*, indeed the word is usually pronounced *hindistān*. Ahmad Vahid's English-Turkish Dictionary and Redhouse's smaller Turkish Dictionary give only this form. Steingass for Persian gives *hindusān*, *hindūstān*, and *hindūstān*. Phillott in his English-Persian gives only *hindūstān*. *Hindostān* is, of course, impossible in Persian. As I have said, however, all this is irrelevant. Urdū has nothing to do with the forms of other languages.

(2) In speaking Urdū, whether literary or colloquial, people almost always say *-ūs-*. Occasionally one hears *-o-* in pedantic speech, but *-ūs-* is practically universal.

Professor 'Abd us Sattār Šiddīqī, of Allahabad, writes: *Urdū bolnevūle 'ām taur par is lafz kā talaffuz maḥẓ pesh ke sāth karte hai aur fuṣaḥā kī zabān par bhī hindūstān aur hindūstānī hai go kī hindostān aur hindostānī bhī galaṭ nahī*; "Urdū speakers usually pronounce this word simply with *pesh* (i.e. *-ūs-*), and correct speakers, too, say *hindūstān* and *hindūstānī*, although *hindostān* and *hindostānī* are not wrong." (*Hindustani*, 1931, p. 453.)

Nūr ul Lugāt, iv, 992, under "*Hind*", uses both forms.

(3) In a matter like this Urdū books have no more claim to be considered than those in Hindī. The latter almost invariably spell the word *hindūstān* (rarely *hindusthān*); *-o-* sometimes occurs when an author is referring to an Urdū or English work which has that spelling. Even if it were the case that the *-o-* form was the only one in Urdū books and that people trying to speak highflown Urdū always said *-o-*, there would still be no reason for ignoring the Hindī spelling, and writing *-o-* in English to the exclusion of *-ū-*.

(4) With the approval and active support of the local Governments, two language academies have recently been formed in north India, one for Hindī and one for Urdū. Both of these bodies have chosen the name "*Hindūstānī Academy*", and each of them has a quarterly magazine of considerable interest, one in Hindī, the other in Urdū. The magazines have no connection with one another, the editors, writers, and contents being entirely different; but in both cases the title of the magazine is *Hindūstānī*. The choice of name for the two academies and two magazines gives quadruple support to my thesis.

(5) In verse the form depends on the metre. The *mutaqārib* metre of the *Būstān*, the *Shāhnāmeh*, and many Urdū *maṣnavīs*,

such as the *Maṣnavī* e *Mīr Ḥasan*, does not permit the form *Hindūstān* ; in place of it we must have *Hindūstān* in Persian and *Hindostān* in Urdū ; but in metres which permit both forms both are found.

(6) Professor Şiddīqī has collected a number of instances of the use of *Hindūstān* in Persian, Urdū, and Arabic literature (*Hindūstān*, July, Oct., 1931). He quotes the following authors who write in Persian : Mas'ūd Sa'd Salmān, five quotations ; Amīr Khusrau, twelve quotations ; Muḥammad Ibn 'Umr Farqadī, one ; Shekh Farīd ud Dīn 'Attār, one ; Jalāl ud Dīn Rūmī, four ; 'Abd ur Raḥmān Jāmī, one ; Salīm Tehrānī, three ; Mīr Razā Dānish Mashhadī, one ; 'Abd ur Razzāq Fayyāz, one ; Nāşir 'Alī Sarhindī, one ; Amīn Rāzī, one ; Nizāmī Ganjavī, four ; Ashraf Mazandarānī, two ; Mīr 'Abd ul Jalīl Bilgrāmī, one ; Gulām 'Alī Āzād Bilgrāmī, one ; Ānand Rām Mukhallas, one ; and the Arabic writer Abu 'Abdullāh Muḥammad Anşārī (d. A.D. 1327), one.

I take a few quotations at random.

(i) The last-named writer : *balādu Hindūstān wa ma'nāhu balādu Hind*, " Hindustān, i.e. Hind " (p. 634).

(ii) Jalāl ud Dīn Rūmī : *sālḥā mī gasht ā qāşid az ū gird i Hindūstān barāe just ū jū* " for years that messenger from him wandered round India for the purpose of investigation " (p. 625).

(iii) Amīr Khusrau : *Turk i Hindūstānīm man Hindavī gūyam javāb* " I am a Hindustānī Turk, I reply in Hindavī " (p. 627).

(iv) Mas'ūd Sa'd Salmān : *ki man baqil'a a Sū mānam, ū ba Hindūstān* " (that) I live in the fort of Sū (or fort of unhappiness), he in Hindūstān " (p. 623).

Professor Şiddīqī quotes the *Farhang i Anjuman Ārā i Nāşirī* of the time of Nāşir ud Dīn Shāh as saying *hamcunī Bagdād az Bāgdād ū paristān az paristān . . . ū Hindūstān az Hindūstān* ; " so Bāgdād is from Bāgdād, paristān from paristān, and Hindūstān from Hindūstān ".

He complains that because certain *muftīs* of Urdū preferred to write *Hindostānī* this spelling became fashionable among copyists, sometimes with disastrous results. Thus Nāşikh wrote a *tārīkh* on the death of Jur'at :—

hāe Hindūstān kā shā'ir muā

and one on the death of Saudā :—

shā'ir i Hindūstān nārailā.

But the copyist, like the shopkeeper who put up the sign " Mens

and *womens conscia recti*”, wanted to improve on other people’s work. In both lines he wrote *Hindostān*, thus adding six years to the life of each of the two poets.

Finally he points out that while in Part I of Āzād’s lectures the copyist has nearly always written *Hindōstān*, in Part II another copyist has, after the first page or two, always used *Hindūstān*, which the author himself preferred.

This form *Hindūstān*, so well supported by the evidence of literature, almost invariably heard in speech, adopted by both *Hindūstānī* Academies, is surely the form which we should employ in English.

THE MEANING AND USAGE OF CAUSAL VERBS IN URDU AND PANJABI

I. MEANING

THE causal of an intransitive verb means to cause someone or something to perform the action which the intr. verb indicates : *calnā* "function", *calānā* "cause something to function". About this there is no debate. The question of causals of tr. verbs is not so easy. It is important to be entirely practical, and if we cannot get universal rules we must try to make general rules helpful to both students and scholars. To this end we must, as far as possible, use well-known words, and use them in their ordinary sense. New grammatical terms or old ones with new meanings are worse than useless. A student says : "How am I to express 'make him sleep, make him do it' ? May I say *usko sulāo*, *usko karāo* ? If not, tell me what to say, and give me a rule for it which I can easily follow." He is entitled to a reply ; more than that, he is entitled to a reply which will be of real use to him.

People speaking of trans. verbs mean "verbs ordinarily trans.", for most trans. verbs can, at least on rare occasions, be used intransitively ("This mutton eats well"). Again, nearly all of them may dispense with their object, though retaining their trans. sense. For our present purpose this distinction is unimportant. Thus "see" and "hear" are trans. verbs, but are intrans. in "the blind see. the deaf hear". "Kill" is trans., but the object is suppressed in "if a glance could kill".

The causals of verbs which are ordinarily trans. mean "cause a thing to be done", i.e. they are the causals of the passive of the original verb. If we wish to say "he made the blind see and the deaf hear" we cannot say *usne andhō ko dikhāyā aur bahrō ko sunāyā* ; this sentence, which is perfectly correct Urdu, means he showed something to the blind, and related something to the deaf.

We may put it otherwise. The direct object of one of these causals is not the doer, but the thing done ; or again, if the causal of a trans. verb is put in the passive, the nom. is the thing done, not the doer.

cittī likhāī gayī "the letter was caused to be written", not *munshī likhāē gayā* "the clerk was made to write". *baxshnā* "forgive" ;

but the causal passive means not "he was made to forgive" but "forgiveness was obtained for his sin, his sin was caused to be forgiven". We can say *paise luṭāe gae*, but we may not translate "the boy was made to rob" by *laṛkā luṭāē gāyā*.

We can therefore make a universal rule :—

Universal Rule.—The causal of an ordinarily trans. verb, when it exists, may always mean "cause something to be done"; and it is never wrong to use it with this meaning. To this rule there is no exception.

Further, we can make a second rule :—

Second Rule.—For the causals of ordinarily trans. verbs the meaning "cause to do" is not permissible, whether the original verb is used "absolutely" or not, i.e. whether the object is expressed or not.

This rule may be considered universal, but if it were claimed that *sīkhnā*, *sīχnā* "learn" is always trans., it would come in here as an exception, and the rule would then be general, not universal. It is a matter of indifference. It is certainly correct to say *O sḡān .ōi e* "she has been taught, put up to it".

pilānā means "cause to be drunk". *khilānā* in the best usage means cause to be eaten, not cause to eat. A phrase like *laṛke khilāe gae* is contrary to good idiom, but I have heard it.

The following verbs are indifferently trans. and intrans., but it must not be assumed that the trans. is the causal of the intrans. :—

bhūlnā, (a) "forget", (b) "err," "pass from memory"; *badalnā* "change", *paṭnā* "return", *ulaṭnā* "turn upside down", *bharnā* "fill", *ghisnā* "rub", *jhulasnā* "scorch, get hot", *mānnā* "acknowledge, agree", *paṛhnā* "read, study", *samajhnā* "understand", *sīkhnā* "learn". As they are both trans. and intrans. we should expect causals of both kinds. Actually we find that *bhulānā*, *paṛhānā*, *sikhānā* are causals of both trans. and intrans. senses; i.e. both cause to err and cause to be forgotten, etc.

badlānā, *paṭtānā*, *uṭtānā*, *ghisānā*, *jhulsānā* are generally causals of the int. sense, i.e. they mean "cause to perform the intrans. action".

badahvānā, *paṭavānā*, *ulaṭvānā*, *ghisvānā*, *jhulasvānā*, mean to cause the action to be performed.

bharānā in one sense only is the causal of the intrans. verb, viz. when it is used of a bird feeding its young, "cause to become filled up." Otherwise it is the causal of the trans., "cause a pot to be filled by someone."

manānā in the phrases *deotā manānā*, *ḡushī manānā*, etc., is not a causal except in form. Apart from this meaning, *manānā*, as also *saṃjhānā*, prefers the meaning of "cause to be done"; sentences like *merā bāp manāyā gayā* "my father was persuaded", or '*aurat saṃ-jhāī gayī* "the woman was consoled", are not to be recommended.

II. USAGE

(i) Grammars usually extend the name intrans. to verbs with cognate objects. These might equally be called trans. In U. and P. the causals generally omit the cognate object, as *daurānā* "cause to run". Occasionally, but rarely, the object is expressed, and the verb is treated as the causal of a trans. meaning cause a race to be run.

mujh se baṛī lambī daur daurāī gayī "I had to run a long run".

(ii) Some verbs have no causals. It is not possible to lay down a final rule on this point, for tastes vary.

(a) Verbs, not themselves causals, whose roots end in *-ā* do not make causals., e.g. *pānā* "find", *jānā* "go", *ānā* "come", *lānā* "bring", *le jānā* "take away", *farmānā* "command", *gurrānā* "growl", *sharmānā* "be ashamed", *vargulānā* "lead astray".

Exceptions, *nahānā* "bathe"; *nahlvānā*; *curānā* "steal", *curvānā*.

But causals may make double causals, *banānā* "make"; *banvānā*.

(b) Verbs with more than two syllables in the root do not make causals. Verbs with two syllables in the root, the second containing a so-called "long" vowel, make only a *-vā* causal, e.g. *ḡarīdnā* "buy", *ḡarīdvānā*; *ghasītnā* "drag", *ghasītvānā*.

(c) A few others have no causals in ordinary use; *khenā* or *kheonā* "row"; *senā* "hatch"; *cāhnā* "wish".

We may add *khonā* "lose"; *socnā* "think"; *lenā* "take"; *honā* "become", for the forms *khuvānā* and *sučvānā* are fanciful; the Hindi *livā lānā* and *livā lejānā* are happily not used in Urdu; besides *livā* has not got the force of a causal; *huvānā* occurs only in the phrase *ho huvāke*, etc., and has no causal meaning.

(iii) The preposition to be used with causals of trans. verbs. We have seen that causals of trans. verbs mean not "cause someone to do something", but "cause something to be done *by* someone". How is this "by" to be expressed? It is translated in two ways according to the closeness of the connexion between the causer and the action performed. When the idea of causation is weak, the tendency is to use *ko*; when it is strong, it is *se*.

The following take *ko*, meaning “to”:—*dikhānā* “show”; *saṃjhānā* “explain”, *pilānā* “give something to drink”, *khilānā* “give something to eat”, *likhānā* “dictate”, *luṭānā* “distribute money”, *sunānā* “relate”, and all causals of verbs meaning “put on”, as *pinhānā* “clothe someone with”, *urhānā* “give a veil or shawl to be put on”, *hār bandhānā* “put a garland on someone, give a garland to be put on”, *peṭī kasānā* “assist in putting on a belt”. (These are free translations.)

maī ne usko cīṭhī likhāī “I dictated a letter to him”; *maī ne us se cīṭhī likhāī* (better *likhvāī*) “I got a letter written by him”. Compare *kisī ko Fārsī paṛhānā*, *kām sikhānā*, *bāt manānā*.

The Four Classes of Urdu Verbs

FROM the point of view of causality, Urdu verbs may be divided theoretically into four classes, according to their form : Intrans., Trans., First Causal, Second Causal. In this note I have kept before myself the difference between the form and the meaning of a verb ; but, though fully cognizant of what some grammarians say about "verbs used transitively or intransitively", I find it more convenient in practice to say simply "intr. verb" and "trans. verb". As I am here not writing a treatise on general grammar, but merely making a few remarks on Urdu verbs, I will content myself with defining roughly the terms used : intr. verb, one which does not take a real object ; trans. verb, one which can take a real object (so-called cognate objects being ignored).

A trans. verb is trans. whether the object is expressed or not, but a few verbs may be genuinely both trans. and intr. Thus in English : he went to change his clothes (trans.) ; he went to change (trans., object suppressed) ; true friends do not change (intrans.).

So in Urdu *palatnā* and *badalnā* can be truly intransitive as well as trans. All trans. verbs in Urdu can be used with obj. suppressed, but the suppression of the object leaves them trans.

Intrans. verbs may be further subdivided into ordinary intrans. and purely neuter, as in the phrases : he turned-out of his room for me, and he turned-out a thief.

Some Urdu verbs have no causals in use (I went into this in *Bull. S.O.S.*, v, iii, 521) ; of a few it may be said that they have three. In practice possibly the most useful method of describing them is that mentioned above, viz. calling the causal of an intr. verb its trans. ; or if we start with the trans. verb, we may call the intrans. verb a middle or passive.

Important General Rule.—So far as meaning goes, trans. verbs have no causals. The so-called causals of trans. verbs are causals of their passives.

We may then put verbs in four columns :—

(1) intr. (2) trans. (3) so-called first causal. (4) so-called second causal. Very few verbs appear in all four columns, some appear in only one.

Column 1 contains all truly intrans. verbs.

Column 2 contains trans. verbs (i.e. verbs which can take a true object, expressed or not). When a verb occurs in cols. 1 and 2, the form in col. 2 is usually the trans. of that in col. 1, but generally there is some change of meaning, with the result that two is not a real trans. of one.

Column 2 might be called the causal of col. 1, but the relationship is, perhaps, more conveniently stated as intr. and trans., or middle and active. At this point there are two points to be noted :—

(i) In some verbs the same idea runs through all forms, e.g. *ladnā* ; all the forms contain the idea of loading ; so *bannā*, making or being made. Other verbs, however, do not keep to one idea ; thus *dikhnā* “ be visible ” goes on to *dekhnā* “ look at ” or “ see ” ; *dikhānā* “ show ”—three distinct ideas.

(ii) When the same idea is retained, cols. 3 and 4 are practically the same in meaning, e.g. *ladānā* and *ladvānā* mean the same, whereas *dikhānā* and *dikhvānā* are quite different. See below.

It is necessary to have a clear idea of the relationship between the four columns.

Col. 1. Let us call the nominative of these verbs “ x ”. Being intr. they have no obj.

Cols. 2, 3, 4. Let us call the noms. of these verbs A, B, and C respectively.

ladnā “ be loaded ”.

Col. 1. *asbāb lad rahā hai* “ the furniture, x, is being loaded ”.

Col. 2. *naukar asbāb lād rahā hai* “ the servant, A, is loading the furniture ”.

Col. 3 or 4. *mālik asbāb ladvā rahā hai* “ the master, B, is getting the furniture loaded ”. *ladvānā* does not mean cause to load.

“ x ” which is the nom. of col. 1 verbs, is the obj., and the only obj. of verbs in cols. 2, 3, 4.

A, which is the nom. or agent of 2, cannot become the obj. of 3 or 4.

B, the nom. or agent of 3, cannot become the obj. of 4.

A, B, C are therefore never found as direct objects.

Col. 3 verbs are usually said to be causals of col. 2 verbs ; e.g. that *banvānā* is the causal of *banānā* and means “ cause to make ”. Both statements are erroneous. *banvānā* is the causal of *banānā* and means “ cause to be made ”. If it meant “ cause to make ” its obj. would be A, “ cause A to make ” ; on the contrary its obj. is “ x ”, and it means “ cause x to be made by A ”.

Col. 3 verbs fulfil two functions : they are (a) causals of col. 1 through the instrumentality of A ; (b) causals of the passive of col. 2.

So we get *bannā* "become made" ; *banānā* "make" (directly, no outside party) ; *banvānā* "cause to be made through A". It does not mean "cause to make".

The nom. of *bannā* is always the obj. of *banānā* and *banvānā*. The object of *banvānā* is not A, the maker ; it is x, the thing made.

Similarly, if we put *banvānā* in the passive, its nom. is x, the nom. of *bannā*, and this same x is the nom. of the passive of *banānā*.

ṣandūq abhī nahī banā "the box has not yet become made".

ṣandūq abhī nahī banāeā geā "the box has not yet been made" (by A, the carpenter).

ṣandūq abhī nahī banvāeā geā "the box has not yet been ordered (by B, the master) to be made" (by A, the carpenter).

But we can never say *us ne baṛhaī ko banvāeā* "he caused the carpenter to make" ; or *baṛhaī banvāeā geā* "the carpenter was caused to make".

Preposition of agency. In the *Bull.*, loc. cit., I discussed this point. It may be either *se* or *ko*. Col. 3 verbs mean "cause something to be done by A". This *by* is sometimes *se* and sometimes *ko*. The problem is rather intricate. These col. 3 verbs are causals of the passive of col. 2 verbs. Now, if we study the col. 2 verbs, which are transitive, we note that practically all of them may be compounded with *lenā* or *denā*, some with both. *lenā* suggests a much closer connection than *denā* between the agent and the act.

When we come to col. 3, where we find the causals of the passive of the col. 2 verbs, we see that when the col. 2 verb is a *lenā* verb the corresponding verb in col. 3 has hardly any true causality. The idea is rather that something is done by A with the help of B. The agency is consequently expressed by the dative *ko*.

We note, further, that sometimes they are practically new verbs, containing a new thought, e.g. *dikhānā*, from *dekh lenā*, theoretically means "cause to be seen" ; in reality it means simply "show" ; *sunānā* means "relate or read out or recite (to someone)", not, strictly speaking, "cause to be heard."

B ne A kō kapṛe pinhāe "B helped A on with his clothes, clothed him" ; *pahin lenā* "put on".

B ne A kō dāstān sunāi "B told A a story" ; *sun lenā* "listen".

B ne A kō sharbat pilāeā "B gave A a sweet drink" ; *pī lenā* "drink".

B ne A ko kuch likhvāēā or *likhāēā* “B dictated something to A”;
likh lenā “write for oneself”.

B ne A se kuch likhvāēā “B got something written by A”; *likh denā* “write for someone else”.

It is quite natural that the “causal” of a *lenā* verb should not contain any idea of real causality, for a *lenā* verb means doing something for oneself; consequently its “causal”, actually the causal of its passive, does not mean “cause it to be done”, which is almost meaningless, seeing that the person is doing it for himself; it means “help or enable it to be done”, as in the examples above.

EXAMPLES

Col. 4 often differs only in form from col. 3, and it is generally preferred when the idea of getting something done by an outside party is prominent. Thus *kām karvānā* is preferable to *kām karānā*, but the meaning is the same. When col. 4 differs from col. 3 we have the following:—

Col. 4 is (a) the causal of 1, through agency of A and help of B; (b) the causal of passive of 2 through help of B; (c) causal of passive of 3. In each case the object is x, never A or B.

Col. 4 is not the causal of the active of 2 or 3.

Col. 4 differs in meaning from col. 3, when col. 3 (which means that B causes something to be done *by* A) uses *ko* to express *by*. See above.

The following examples show how the nominative, x, of class 1 verbs, which are intrans., becomes the object of classes 2, 3, and 4. They show, too, that all so-called causals of trans. verbs are causals of the passive of those verbs, never of the verbs themselves.

Examples

	Nom.		Nom.	Object
	1		2	
(a) <i>dikh</i>	x	<i>dekh</i>	A	x
(b)		<i>sun</i>	A	x
(c)		<i>pahin</i>	A	x
(d)		<i>pī</i>	A	x
(e) <i>kat</i>	x	<i>kāt</i>	A	x
(f) <i>lad</i>	x	<i>lād</i>	A	x
(g) <i>bandh</i>	x	<i>bādh</i>	A	x
(h) <i>kaṭ</i>	x	<i>kāṭ</i>	A	x

	3		4	
	Nom.	Object	Nom.	Object
(a) <i>dikhā</i>	B	x	<i>dikhvā</i>	B, C x
(b) <i>sunā</i>	B	x	<i>sunvā</i>	C x
(c) <i>pinhā</i>	B	x	<i>pahinvā</i>	C x
(d) <i>pilā</i>	B	x	<i>pilvā</i>	C x
(e) <i>katā</i>	B	x	<i>katvā</i>	B x
(f) <i>ladā</i>	B	x	<i>ladvā</i>	B x
(g) <i>bandhā</i>	B	x	<i>bandhvā</i>	B x
(h) <i>kaṭā</i>	B	x	<i>kaṭvā</i>	B x

- (a) 1, x is visible ; 2, A looks at x ; 3, B shows x to A ; 4, B causes x to be looked at by A, or C causes x to be shown to A by B.
- (b) 2, A listens to x ; 3, B relates x to A ; 4, C causes x to be related to A by B.
- (c) 2, A puts on x ; 3, B helps x to be put on by A ; 4, C causes x to be put on by A through B's help.
- (d) 2, A drinks x ; 3, B gives x to A to be drunk ; 4, C causes x to be given by B to A to be drunk.
- (e) 1, x is spun ; 2, A spins x ; 3 and 4, B causes x to be spun by A.
- (f) 1, x is loaded ; 2, A loads x ; 3 and 4, B causes x to be loaded by A.
- (g) 1, x is tied ; 2, A ties x ; 3 and 4, B causes x to be tied by A (*bandhānā* is hardly ever used in modern Urdu).
- (h) 1, x is cut ; 2, A cuts x ; 3 and 4, B causes x to be cut by A.

When one studies the details of individual verbs, puzzling and involved problems arise, but the foregoing outline gives the chief points. On the general question of Indo-Aryan causal verbs Beames, *Comp. Gram.*, iii, 75 ff., may be consulted.

IT has been stated many times that the principal idea in the repetition of words is that of emphasis or intensity. My observation has led me to conclude that this is incorrect, and that the true sense in almost every case is one of the following :—

- distribution (over time, space, or a number of objects),
- pleasantness,
- no meaning at all.

In order to make the inquiry practical, it is better to confine it to cases of words repeated without alteration. If anyone will in the course of his reading take 1,000 consecutive instances of repetition, he will find that

- (i) short words are repeated far oftener than long.
- (ii) repetition of *adjj.* or *advv.* with a pleasant meaning is much commoner than of those with a nasty meaning, and when the meaning may be either good or bad, the good is intended.
- (iii) nearly every instance comes under either *distribution* or *pleasantness*.

(i) It follows that we read of a man's visiting *ghar ghar* or *gāō gāō* or *shahr shahr*, but not *dār us salṭanat dār us salṭanat*, and that we may expect to hear of *būrhe būrhe ādmī*, *sundar sundar striyā*, or *choṭī choṭī larṭkiyā*, but hardly of *za'īf ul 'umr za'īf ul 'umr ṣāhibān*, *ḫūbṣūrat ḫūbṣūrat mastūrāi*, or *kam-sinn kam-sinn at fāl*.

(ii) See sentences 1, 2, 3, below

(iii) *Distribution*.

adhelī adhelī "eight annas each".

ṭhīk ṭhīk batāo "explain correctly" (correctness spread over answer).

cappā cappā pānī "four inches of water all along".

zīle ke sab bare bare paṭṭedār "all the important leaseholders of the district".

gharī gharī "repeatedly" (at each *gharī*).

Repeated verbs come under this heading; the idea is either continuance or repetition of action :—

dekh dekh kar, Pj. *veḥ veḥ ke* "looking repeatedly".

(Pj.) *ṭurdeṭ ṭurdeṭ* "through continued walking".

(Pj.) *paxdeā paxdeā* “ while heating up ” (spread over some time).

Pleasantness. This often corresponds to our “ nice and ”, or the slang “ jolly old ”, “ good old ”.

garm garm dūd “ nice, hot milk ”.

lāl lāl tarbūze “ watermelons, nice and red ”.

ṭhaṇḍī ṭhaṇḍī havā “ refreshing breeze ”.

(Pj.) *uṇ vag jā chetī chetī* “ now off you go, nice and quick ”.

Sometimes no real meaning is discernible. People have got into the habit of repeating certain short words, and do so without thinking ; the very shortness of the word seems to demand repetition. I knew an Englishman who always said “ very very ”, never simply “ very ”.

Before one can claim that the main thought is emphasis it must be shown that other ideas are impossible. Examples must be found in which emphasis is the only possible idea, and is due solely to repetition ; many emphatic phrases contain repeated words, but the emphasis would not be less if the word occurred only once. In fact we shall see that often the very reverse of emphasis is in the mind of the speaker. Let us examine a few cases.

(1) *gorī gorī bālikā kī lāl lāl gālhē* “ the rosy cheeks of the prettily fair girl ”.

(2) *ṭhaṇḍī ṭhaṇḍī havā* “ a refreshing summer breeze ”.

(3) *pio cā garm, garm* “ here you are, sir, nice hot tea ”.

(4) *voh alag alag baiṭh gae* “ they sat down in separate places ”.

Now if the idea of emphasis were present, these phrases would mean :—

(1) the hectic cheeks of the deathly pale girl ; (2) a piercing winter wind ; (3) scalding tea, much too hot to drink before the train goes ; (4) they sat absolutely alone.

We have had it impressed upon us that repetition means emphasis, and we shall feel inclined to say offhand that the following expressions are emphatic, but a little study will convince us that they are not.

(5) *kām ke shurū‘ shurū‘ mē* “ in the early days of the work ”.

(6) *voh to abhī abhī āyā thā* “ he had not long been there ” ; quite different from *voh to ‘aīn usī vaqt pahuncā thā* “ he had arrived at that very moment ”.

(7) *sac sac bolo* “ now, my boy, the truth (throughout your answer) ”.

(8) *ṭhīk ṭhīk ḥal karo* “ work it out correctly ”. But note that, if the boy gets the answer “ Rs. 23-11-9 ”, the teacher, wishing to tell

him that his answer is "absolutely right", will *not* say *tumhārā javāb thīk thīk hai*; he will say *bi'lkull thīk hai*. Similarly "entirely wrong" will be *bi'lkull galat*, not *galat galat*.

(9) *mahīne ke andar andar* "some time or other within a month".

(10) *somvār se pahle pahle* "some time or other before Monday".

(11) *ham tīn tīn ādmī prastut hāī*; when Hariś Candr uses these words, he means "here we are, three of us every time, for every work".

(12) *māī ne das das ḡatḡ likhe, tum ne ek bhī javāb na diyā*; this literally means "on several occasions I sent you ten letters one after another, but you didn't answer any". Actually, no doubt, he wrote a couple of times and got no answer.

THE GENDER OF ARABIC INFINITIVES IN URDU

A Complete Guide to the gender of nearly 1,000 nouns

PLATTS'S Urdu Grammar contains rules to help in determining the genders of nouns. As it was published in 1873 and has not been revised since, one would expect that here and there some restatement might be necessary. This short article deals with the Arabic infinitives commonly used in Urdu. Platts gives seven forms (see especially pp. 25-9), pointing out that six are generally masc. and one fem. In every case but one there are exceptions. The student therefore has an uneasy feeling that perhaps the exceptions are nearly as numerous as the examples, and that in any case unless he knows all the exceptions, the rules are of little value. These Arabic infinitives give to Urdu between 900 and 1,000 nouns. It is impossible to say exactly how many, for a hard and fast line cannot be drawn. Some writers, like Abu'l Kalām Āzād, overload their writings with little-known Arabic words, others employ far fewer. I will here state the rules and endeavour to give every exception. *About some words authorities differ.*

One broad rule to cover all others may be stated thus : nouns of the form *taf'īl* are fem., and nouns of the following six forms are masc., *if'āl, tafa'ul, tafā'ul, infī'āl, ifti'āl, isti'āl*. Directly derived from these and closely resembling them are some nouns ending in *-a* (i.e. *-ah* with *h* not pronounced), which are masc., and in *-āt* which are fem.

Let us take them in detail.

(1) Form II, *taf'īl*. Approximately 230 of this form are found in Urdu literature in addition to forty which end in *-a* or *-āt*, such as *taṣfiya, taqṣiyat*. The 230 are all fem. except one, *ta'vīz*, amulet, which is masc. Most of them are abstract nouns, but even those which are not, with the exception of *ta'vīz*, are fem. Thus *Taṣlīs*, the Holy Trinity ; *taḥṣīl*, which often means a *taḥṣīldār's* house or court of justice ; *taḥvīl*, capital, deposited funds ; *tasnīm*, a fountain in Paradise (made masc. by one poet, *Shu'ūr*), are fem.

About twenty-eight connected nouns end in *-a*. All are masc. but *taḥayya* (for *taḥiyya*), salutation has both genders. The word *takhliya*, letting go, evacuating, is wrongly given fem. by Platts's Dict. It is masc. Approximately twelve end in *-āt* and are fem.

Quadriliteral words belonging to Form II are all masc. They include words like *tabakhtur*, walking proudly, and fancy words like

takashmur, to act like or become a *Kashmīrī*. There are about nine of them.

taqayyad, fem., urging, insistence, is probably an alteration of *taqīd* < *taqyīd*.

(2) Form IV, *if'āl*. About 131 words; all masc. except eight.

This number does not include about twenty-five derivatives in *-āt* or *-a*; see below.

The eight exceptions are :—

<i>islāh</i> , correction.	<i>ifrāt</i> , abundance.
<i>ilhāh</i> , importunity.	<i>imdād</i> , help.
<i>imlāk</i> , property (rare).	<i>inshā</i> , composition.
<i>izā</i> , pain.	<i>irsāl</i> , rent remitted to headquarters.

When *irsāl* means merely “ sending ”, it is not used as a noun; it is then part of the verb *irsāl-karnā*, send, or *irsāl-honā*, be sent: *imlā*, dictation, is sometimes fem.

There are about seventeen derived nouns ending in *-āt*, all fem., e.g. *ijāzat*, permission, and about eight in *-a*, all masc., as *irāda*, m., intention.

The following is a list of words to which Platts has given wrong genders. The genders marked here are the correct ones :—

<i>iḥṣā</i> , m., numbering.	<i>idbār</i> , m., turning back.
<i>īfā</i> , m., paying.	<i>īmā</i> , m., sign, hint.
<i>ijlās</i> , m., session.	<i>ifrāt</i> , f., abundance.
<i>irsāl</i> , f., rent sent on.	<i>imlāk</i> , f., giving possession to.
<i>imdād</i> , f., help.	

He allows both genders to *iḥṣā* and *ifrāt*; *imdād* is correct in the Gram. but wrong in the Dict. Conversely *idbār* is right in the Dict., but wrong in the Gram. *ikrāh*, m., aversion (rare), and *irād*, citing, which he gives as fem., have both genders.

(3) Form V, *tafa'ul*. About 173 words plus fourteen ending in *-ī*, 187 in all. The former are all masc. except three, and the latter are all fem. The three exceptions are :—

<i>tavajjuh</i> , f., attention.	<i>tavaqu'</i> , f., hope.
<i>tamannā</i> , f., desire.	

Platts has *tavazzū*, f., prayer-ablution, but it is not used in Urdu.

There are a couple of derived nouns in *-a* which are masc. They bring the number up to 188.

(4) Form VI, *tafā'ul*. About eighty-one. Twelve end in *-ī* and are fem.; three derived nouns end in *-a* and are masc. The remaining sixty-six are all masc., except *tavāzu'*, politeness, consideration.

(5) Form VII, *infī'āl*. About thirty-five, all masc.

Platts's Dict. gives *imbisāl*, gladness, fem. It is found both masc. and fem. The poet Ḥālī makes it masc.

(6) Form VIII, *iftī'āl*. About 130. Masc. with ten exceptions, of which six end in *-ā*. The fem. nouns are :—

iḥtiyāj, need.

iḥtiyāt, care.

iṣṭilāḥ, conventional usage.

iṭṭilā', announcement.

And the following in *-ā* :—

ibtidā, beginning.

iṣṭifā, being elect (rare).

iṣṭihā, longing.

iltijā, petition.

iktifā, sufficiency.

ihtidā, being guided (very rare).

intihā, end.

Platts wrongly gives *i'tirāz* as fem. The following are both masc. and fem. : *iltifāt*, courtesy ; *iltimās*, request ; *imtiyāz*, distinction ; *istinād*, leaning on (rare) ; *ibtilā*, affliction ; *i'tinā*, anxiety, sympathy ; *iqtidā*, imitation.

It will be noticed that of the nouns ending in *-ā* all the common ones are fem., viz. *ibtidā*, *iltijā*, *intihā*, *iṣṭihā*.

(7) Form X, *istif'āl*. About sixty-eight ; masc. with the following four exceptions :—

isti'dād, capacity.

istid'ā, supplication.

istirzā, seeking to please (rare).

istimdād, asking help.

The following have both genders : *istisnā*, exception, *istignā*, wealth, independence, *istigfār*, asking forgiveness.

istigfār is generally pronounced *astagfār*.

Pl. Dict. gives m. gender to *istisnā*, *istigfār* (so also Gram.), and to *istimdād* (correct in Gram.). *istikrāḥ*, m., aversion, is correct in the Dict., but wrong in the Gram.

Further, seven derived nouns ending in *-āt* are fem., and five ending in *-a* are masc. Adding them to the sixty-eight already mentioned, we get eighty for this class.

To sum up : I have dealt with about 950 nouns, which may be divided approximately as follows :—

Connected with Form II	280
IV	155
V	190
VI	80
VII	35
VIII	130
X	80

Total 950

Of these 870 are Arabic infinitives and eighty are directly derived nouns ending in *-āt* or *-a*.

The following simple rules govern them.

Feminine.

All ending in <i>-ī</i>	No exceptions.
„ „ „ <i>-āt</i>	No exceptions.
The form <i>taf'īl</i>	One exception, viz. <i>tajvīz</i> , amulet.

Masculine all the rest. Some exceptions as below.

DETAILS OF MASCULINE TYPES.

Quadriliterals of Form II	All masc. ; no exceptions.
Derived nouns in <i>-a</i>	All masc. ; no exceptions.
Form <i>if'āl</i>	Eight exceptions given above.
„ <i>tafa'ul</i>	Three exceptions, <i>tavajjuh</i> , <i>tavaqqu'</i> , <i>tamannā</i> .
„ <i>tafā'ul</i>	One exception, <i>tavāzu'</i> , f., politeness.
„ <i>inf'āl</i> .	No exceptions.
„ <i>ifti'āl</i>	Ten exceptions, given above.
„ <i>istif'āl</i>	Four exceptions, <i>istid'ā</i> , <i>isti'dād</i> , <i>istimdād</i> , <i>istirzā</i> .

The phrases in Platts's Gram., p. 25, ll. 19, 20, "a few more words that end in *t* or *ā*," etc., and that on p. 26, ll. 17, 18, "a few words ending in *-ā* or *t*" should be omitted: I do not think that in either case there is a purely fem. word ending in *t*, and those which end in *-ā* are about equally divided.

If we omit words of the forms *if'āl* and *ifti'āl* we have 720 nouns with only nine exceptions ; even if we include these two forms with their relatively numerous eighteen exceptions, the total is only 27.

A few words, not Arabic infinitives, may be mentioned in conclusion. Platts gives wrong genders to the fem. nouns *injīl*, Gospel ; *afvāh*, rumour ; *tarāzū*, balance (correct in Grammar). *banafsha*, violet, which he makes fem., is both masc. and fem.

URDU GRAMMATICAL NOTES. I

(a) MASCULINE NOUNS ENDING IN -ī

We are apt to think that all nouns ending in -ī and denoting inanimate things are fem. with the exception of *pānī*, water ; *jī*, mind, self ; *ghī*, a kind of butter ; *moī*, pearl ; *dahī*, buttermilk. In this we are wrong. There are many other masc. nouns ending -ī. I submit the following list ; perhaps there are others. One or two of them are occasionally heard fem. In the case of some it is possible to explain why they are masc. (e.g. names of months are masc.), but these

explanations are often of little value to the student. He wishes simply to know which nouns in *-ī* are masc. The reason for their being masc. is of secondary interest. I have purposely given the Urdu forms of the Arabic words ; their Arabic forms do not concern us.

<i>māzī</i> , past tense.	<i>ma'nī</i> , meaning ; masc. pl.
<i>mut 'addī</i> , trans. verb.	(commoner <i>ma'nē</i>).
<i>mushtarī</i> , planet Jupiter.	<i>janvarī</i> , January.
<i>tūtī</i> , parrot (metaph.).	<i>uskā farvarī</i> , February.
<i>tūtī bol rahā hai</i> , he is famous.	<i>maī</i> , May.
<i>qālī</i> , carpet (also <i>qālīn</i>).	<i>julāī</i> , July.
<i>dī</i> , yesterday.	<i>farvardī</i> , Persian month (also <i>farvardīn</i>).
<i>jadī</i> , Pole Star, Aries, Tropic of Capricorn.	<i>urdī</i> , Persian month (also <i>urdī bihisht</i>).
<i>jallāmīrī</i> , <i>jhallāmīrī</i> , boy's game.	<i>jumādī ul avval</i> (or <i>ṣānī</i> , or <i>ākhir</i>), Muḥammadan month.

(b) THE NOM. PLUR. OF FEM. NOUNS IN *-a*

This is a point not taken up in grammars. The plur. of these nouns is formed not by changing *-a* to *-ē*, but by changing *-a* to *-ā* and adding *-ē*. Thus we get—

fākhtāē, doves : *zaccāē*, women with newly born children : *māda barrāē*, female lambs.

Similarly, if one were to get plurals of Arabic fems. in *-a*, such as *malika*, queen ; *vālidā*, mother, they would also end in *-āē*. As a rule these Arabic fems. avoid plurals.

(c) PECULIARITIES IN THE USE OF *ne*

To begin with we may state a general rule :—

When the root of one verb is joined to another verb so as to make a single compound verb, if either verb does not take *ne*, the compound verb does not take *ne* ; *voh hās dī*, she laughed ; *voh leayā*, he brought.

The following verbs, almost all of which are or can be trans., do not take *ne*, whether they have an object or not.

<i>baknā</i> , speak foolishly.	<i>laṛnā</i> , fight (with), bite.
<i>bhūlnā</i> , forget.	<i>pānā</i> , succeed in, manage to, get permission to.
<i>cuknā</i> , finish.	<i>dikhāi denā</i> , appear.
<i>jānnā</i> , give birth to.	<i>sunāi denā</i> , be heard.
<i>karnā</i> in such phrases as <i>banāyā karnā</i> .	<i>pakṛāi denā</i> , be caught.
<i>lagnā</i> , begin.	<i>denā</i> used with any other verbal noun of this form.
<i>lānā</i> , bring (prob. contracted from <i>le ānā</i>).	

The following are both trans. and intrans. They take *ne* when they are trans., otherwise they do not.

<i>badalnā</i> , change.	<i>garār pānā</i> , be decided ; obtain rest.
<i>bharnā</i> , fill.	<i>ragaṛnā</i> , rub.
<i>jhulasnā</i> , scorch.	<i>ulaṭnā</i> , turn upside down.
<i>palatnā</i> , return.	
<i>pukārnā</i> , call out, call to someone for help.	

The usage of the following is variable :—

<i>hās denā</i> , laugh (better with- out <i>ne</i>).	<i>ro denā</i> , cry (better without).
<i>parhnā</i> , learn, read (better with <i>ne</i>).	<i>samajhnā</i> , understand (better without).
	<i>sīkhnā</i> , learn (better with).

The following never take *ne* when used without an object. When they have an object they may take it.

<i>bolnā</i> , speak (much better without).	
<i>hārnā</i> , lose, be defeated ; <i>jītnā</i> , win. When these two have an object such as <i>bāzī</i> , game, <i>sharṭ</i> , bet, they may either take or omit <i>ne</i> .	

cāhnā omits *ne* when the nom. is *dil*, *jī*, heart, etc. Other-
wise it takes it.

It should be mentioned that *baḥasnā*, argue ; *cillānā*,
cry out ; do not take *ne*, while *sāth denā*, accompany, does.

The following intrans. verbs take *ne* :—

thūknā, spit. This can be trans. as in *sāre shahr ne us ko*
thūkā, the whole city despised him.

hagnā, *mūtna*, perform the offices of nature.

mānnā, agree (sometimes intrans.).

URDU GRAMMATICAL NOTES, II

(a) GENDER OF NOUNS ENDING IN -ā.

The rule that nouns in -ā are masc., with the exception of some Sanskrit words, all Hindi diminutives in -iyā, and certain Arabic abstracts, is only approximately correct. I have made some lists which may be of interest. It might be claimed that one or two of the Hindi nouns are diminutives, but I do not think they can fairly be so described.

Hindi fem. nouns ending in -ā :—

aṅgiyā, bodice.

garhayyā, large pit.

jāṅgiyā, *jāṅhiyā*, drawers.

ṭhiliyā, earthen pot.

chāliyā, betel nut.

munīyā, amadavat.

saṅkhiyā, arsenic.

mainā, starling.

badhiyā, bullock, gelding.

shāmā, magpie robin.

bhaṭ kaṭayyā, a prickly plant.

barvā, poor land.

And the proper names :—

Lankā, Ceylon.

Ajodhiyā

Gaṅgā, Ganges.

Janīvā, Geneva.

Jamnā, Jamnā.

The following are worth adding, for they are so common that the fact of their being Sanskrit is forgotten :—

jaṭā, matted hair.

pūjā, worship.

ghaṭā, dark cloud.

sabhā, assembly.

mālā, necklace.

dayā, mercy.

sūlā, smallpox.

To these we might add :—

kirpā, kindness. *bidyā*, knowledge.

The following Persian feminines should be noted :—

shahnā, flute. *āsiyā* corn mill.

qarnā, horn. *sazā*, punishment.

cūn o cirā, excuse. *daqā*, deceit.

sarā, inn. *parvā* caring, etc.

jā, place.

A few Arabic feminines in *-ā* should be recorded as not being abstracts :—

dunyā, world. *qulyā*, name of a sūra in the Qurān.

ṣahbā, wine. *kīmā*, chemistry (Greek).

(b) ARE NOUNS DENOTING MALES ALWAYS MASC., AND THOSE DENOTING FEMALES ALWAYS FEM. ?

It has often been pointed out that *ghar*, house, *qabīla*, family, etc., even when used for “wife”, retain (as is natural) their masc. gender. I have never seen any mentioned on the other side, and therefore venture to add the following :—

badhiyā f., bullock, gelding.

asāmī f., client, tenant (male or female).

savārī f., passenger (male or female).

sarkār f., the government, also single individual, your honour, his honour.

polis, *pulīs*, *puls*, f., the police.

ra'īyyat f., plur. *ri'āyā* f. subject, landholder, tenant.

(c) THE MEANING OF “JĀNĀ” IN COMPOUNDS.

jānā, go, when added to the root of another verb to form a kind of compound verb, either contains or does not contain the idea of “going”. Can rules be given ? I would suggest the following :—

(i) When added to intr. verbs *jānā* does not contain the idea of “going” :—

baiḥ gayā, sat down.

so gayā, went to sleep.

ā gayā, came.

The verb *itself* may of course imply motion, as *haṭ gayā*, moved away.

An exception, perhaps, is *uṭh jānā*, which means not to rise up, but to move out of one house into another.

Along with these must be included the occasional use of *jānā* with *karnā*, to form an intr. compound :—

sirāyat kar gayā, penetrated (*mē*, into).

jagah pakar gayā, found a place (*mē*, in).

As my colleague, Mr. G. E. Leeson, has pointed out, *jānā* often limits the meaning in a peculiar manner. This point deserves a note to itself.

(ii) When added to tr. verbs *jānā* normally contains the idea of “going” :—

rupayā de gayā, he gave a rupee and went off.

khirkiyā toṛ gayā, he broke the windows and went away.

Exceptions.—While it is difficult to say with certainty that in any given case the idea of moving away is entirely absent, we do find sentences in which it is so weak that we may disregard it.

(a) Verbs meaning “understand”, “take in”, etc. :—

mañ tār gayā, I saw and went way, or I saw and took in.

mañ samajh gayā, I took in or have taken in.

mañ jān gayā, I took in or have taken in.

mañ dekh gayā, I looked and went, or I looked over (the volume).

(b) Verbs meaning “eat” or “drink” :—

sārā khānā ragaṛ gayā, or *harap kar gayā*, or *khā gayā*, he ate all the dinner and went off, or he ate it up.

sharbat pī gayā, he drank the sherbet and went off, or he drank up the sherbet.

So *hazm k.*, *caṭ k.*, *niḡalnā*, eat or swallow up.

GRAMMATICAL NOMENCLATURE: UNNECESSARY NAMES

IN the teaching of Indian languages much confusion is caused by the invention of names for ideas which either have well known names already, or do not require any name. This makes otherwise useful grammatical notes very obscure, and causes actual unfairness in examinations because candidates are often unfamiliar with the terms employed. We should avoid attaching labels to the words, constructions, and phrases of the language we are teaching, and when a name is necessary it should be one already known from English or Latin.

I take a few illustrations at random from Platts's *Grammar*. Under verbs we find *acquisitives*, *potentials*, *inceptives*, *permissives*, *completives*, *desideratives*, *continuatives*, *frequentatives*, *staticals*, and *reiteratives*. It will hardly be believed that most of these names have been coined to indicate one or, at the most, two words. Thus *acquisitives* means *pānā* alone; *potential* means *saknā*; *inceptive*, *lagnā*; *permissive*, *denā*; *completive*, *cuknā*; *desiderative*, *cāhnā* (and *māgna* !); *continuative*, *jānā* and *rahnā*; so far we have had seven unnecessary and, for the most part, uncouth names to indicate eight or nine words, nearly one special name per word. *Frequentative* and *statical* refer to two particular idioms, and *reiteratives* to repetition; none of these need a name. I would strongly advocate making a clean sweep of them all. They are confusing, awkward, and useless. I never myself use any of them.

The teacher can say "to-day we are going to discuss *-saknā* "be able", or *-lagnā* "begin"; or "I am going to tell you how to express permission or desire or habit or repetition." The simplest words are best.

Another objectionable word is *postposition*. We have "preposition" well established as a technical term. Why do we need another? English prepositions often follow their word: "that's the hole he got in by"; or as the weary nurse said to the intellectual patient after having read aloud to him, "what *did* you choose that book to be read to out of for?" In my teaching I always say "preposition", and never has it led to any difficulty or called forth any question.

As a matter of fact, if we wish to be lugubriously accurate, we shall have to say that Urdu and Hindi have prepositions, postpositions, and prepostpositions, for some always precede, some always follow, and some may do both. What is the unfortunate student to say?

The aim we should set before ourselves is this :—

as far as possible (i) avoid coining new terms ; (ii) use well known terms, and use them with their usual meanings.

Thus, if we use transitive and intransitive we must not change their connotation ; we must not equate transitive with “ verbs requiring *ne* ”, and intrans. with “ verbs not requiring *ne* ”. Some trans. verbs never need *ne*, and some intrans. verbs always need it with certain tenses.

It is difficult to know what to call the case which in Pj. and U. occurs with all prepositions. “ Oblique ” and “ General Oblique ” have been suggested. They are unsatisfactory, for the case is only one out of four oblique cases in Pj. and out of two in U. Perhaps we might call it Prepositional, which, though a new name, carries its meaning on the surface.

THE CASES OF NOUNS AND PRONOUNS IN URDU, HINDI, AND PANJABI

In Latin, Greek, and Sanskrit case names are given to definite forms. The syntax of these forms is a different matter. Each case may have ten or twenty uses. If we are to employ the same names in Panjabi Hindi, and Urdu, we must do so in the same way ; we cannot make, say, ablative or dative, equivalent to *se* or *ko*, for either *se* or *ko* may represent a Latin genitive or dative or accusative or ablative. A preposition governs a certain case, but it is no part of the case. *εἰς τὴν οἰκίαν* means *ghar mē* ; *οἰκίαν* is accus. Are we to call *ghar* also accus. ? *ghar* is in a certain case, but *ghar-mē* is not a case. Again, *μετὰ χαρᾶς* (genitive) is *khushī se* ; the Urdu noun corresponds to a noun in the genitive, why call it ablative ? A Greek dative may *inter alia* stand for a Latin ablative, but we do not, therefore, insist on saddling Greek with an ablative case. The term “ case-phrase ” has been suggested. But before we speak of a “ dative case-phrase ”, we shall need to decide whether it is a Latin, Greek, or Sanskrit dative, and also which of the ten or twenty meanings of the dative it bears.

Hindi and Urdu nouns have three cases, nom., voc., and a third, which may be called prepositional. It is used with all prepositions

including *ne*. Thus *bahinē, bahino, bahinō*. Pronouns will need an agent case: *voh* "they"; *un, unhō*. I must plead guilty to having in various books given long lists of unnecessary cases, and committed the absurdity of making a preposition part of a case.

It seems to me that in no circumstances should a preposition be included in a case, but when a name is required for a definite *form* there is no objection to choosing the nearest or most suitable of the well-known case names, gen., dat., abl., loc., etc.

Panjabi requires five case names,

masīt "mosque", *bū'ā* "door."

	<i>Sing.</i>		<i>Plur.</i>	
nom.	<i>masīt,</i>	<i>bū'ā</i>	<i>masittā</i>	<i>bū'e</i>
prep.	<i>masīt</i>	<i>bū'e</i>	<i>masittā</i>	<i>bū'eā</i>
loc.	<i>masittī</i>	<i>bū'e</i>	<i>masittī</i>	<i>bū'ī</i>
abl.	<i>masittō</i>	<i>bū'eō</i>	wanting	
voc.	<i>masitte</i>	<i>bū'eā</i>	<i>masitto</i>	<i>bū'eo</i>

Pronouns need at least three more: agent, dative, and gen.

	<i>Sing.</i>		<i>Plur.</i>	
nom.	<i>mā, "I"</i>	<i>o' "he"</i>	<i>asī, ahī</i>	<i>o'</i>
prep.	<i>mere</i>	<i>os, [o'de]</i>	<i>sāḍḍe, asā, ahā</i>	<i>o'nā, [o'nā de]</i>
loc.	<i>mere, merī</i>	<i>[os]</i>		<i>o'nī</i>
abl.	<i>mēthō</i>		<i>sāthō</i>	<i>[o'nā tō]</i>
ag.	<i>mā</i>	<i>os</i>	<i>asā, ahā</i>	<i>o'nā</i>
gen.	<i>merā</i>	<i>[o'dā, osdā]</i>	<i>sāḍḍā</i>	<i>[o'nā dā]</i>
dat.	<i>mēnū, minū</i>	<i>[o'nū, osnū]</i>	<i>sānū</i>	<i>[o'nā nū]</i>

The loc. forms *merī, o'nī* are always adjectival, agreeing with a loc. plur. noun. Other adj. forms have also been included.

ADDENDUM. THE FIRST PLURAL FEMININE IN URDU

Some doubt seems to exist as to the proper form of the verb in the 1st plur. fem., and it has been asserted that the masc. form must be used. This is true of only one case.

(i) When a woman speaking of herself alone uses the plur., the verb and adjj. are masc.:—

ham to abhī āte hāī "I'm coming now".

This reminds us of Greek usage. Cf. Euripides Alc. 383, where Alcestis is referring to herself.

(ii) If several women speak, the verb is fem. Two cases arise :—

(a) when a plur. fem. noun is inserted,

ham tīnō bahinē roṭī khā rahī thī “ we three sisters were break-fasting ”.

(b) when there is no noun. A good example occurs in Āzād's *Āb i Hayāt*, p. 74 of 1917 ed., where he makes some women say :—

jab tak hamārī bāt na kah degā na pilāēgī “ until you say what we want, we shall not give you water ”.

Two examples from Prem Cand are :—

ham sab kī sab calēgī “ we shall all go ”.

āp kā diyā khātī hū, to sāth kis ke rahēgī “ what we eat is your gift, then with whom else shall we stay ? ”

In this last case (when there is no noun) some speakers are inclined to favour the masc., but among good families the fem. is used.

Early Hindi and Urdu Poets :

THE CAUSES OF THE FAILURE OF PRAYER

BY SHĀH MALIK, 1666

INDIA Office Catalogue of Hindustānī MSS., No. 3, *Sharī'at Nāma*, a Dakhnī poem by Shāh Malik : written on 48 small folios and containing 516 lines. We may describe it as a compendium of Muslim doctrines.

The catalogue, which prints twelve lines of the poem (four taken from the beginning and eight from the end), calls the author Shāh Mulk, but it seems certain that his name was Shāh Malik. This is a natural name, whereas the other is abnormal. One might have hoped to find the name in some line which by its metre would decide the question. It does occur, but unfortunately it is merely spelt out, and the spelling is the same for both forms.

so yū shīn alif he o mīm lām kāf
faraz kũ so Dakhnī mē bolyā hai ṣāf
san i yak hazār hor sattar pau sāt
kiyā hũ isī sāl mē yū hikāt

“So this Shāh Malik (*shīn alif he* and *mīm lām kāf*) has plainly uttered the religious duties in Dakhnī; the year seven over one thousand and seventy, he has finished in this year this story.” (A.H. 1077 = A.D. 1666.)

On the outside of the MS. is written *risāla dar fiqh dar zabān i Hindī i Dakkhan; taṣnīf i Shāh Malik tamām*; “a tractate on theology in the Hindī language of the Deccan; the work of Shāh Malik complete.” On the next leaf are the same words except that *Dakhnī* is substituted for *Dakkhan*. These words on the outer leaves were no doubt written by some owner of the MS. After most of the lines of the poem are explanatory notes in Dakhnī prose, written in red ink by a later hand, probably seventy years later.

I have chosen these lines for translation partly because they are in themselves interesting, and partly because they are printed in *Urdū Shahpāre* (Haidarabād, 1929), pp. 245–6. For those who may be studying them as printed in that volume, it may not be out of place to point out a number of misprints there.

p. 245, l. 8	from foot :	<i>us javāb</i>	should be	<i>us kā javāb</i>
4	<i>paregā</i>	<i>paregā</i>
4	<i>phire</i>	<i>pare</i>
1	<i>mane</i>	<i>mene</i>
p. 246, l. 3	.. top	<i>ridā</i>	<i>adā</i>
5	<i>kū</i>	<i>koi</i>
5	<i>hoe</i>	<i>na hoe</i>
7	<i>muqtadā</i>	<i>muqtadī</i>

Namāz tuṭne kā beān

From Shāh Malik's *Sharī'at Nāma*, 1666

1. *Namāz ke tuṭne ke haī bīst o panj*
Namāzī ne karnā hai yū yād ganj.
2. *Namāz mē kare bāt yā khāe tū*
Phirāve jo qible te sīnā o mū ;
3. *Bhī karnā salām yā tū us kā javāb*
Dīe tau bī tuttā hai sun ai Shihāb.
4. *Namāz mē pukāre o yā āh kahe*
Tuṭegā agar oh hor vāh kae.
5. *Bhī tuttā darad ke rone mane*
Karegā 'amal yak kaṣīrā jīne.
6. *Khankāre agar be 'uẓar koī yār*
To jāyḡā namāz is te sun ai hushyār.
7. *Paregā galat koī Qur'ān kū*
Bhī tuttā pare dek Furqān kū.
8. *Talab bhī kare yū Khudā te jīne*
Jo karte talab jū ki ādmyā mane.
9. *Bhī denā javāb chīk kā dar namāz*
Hāsegā jo qahqih sēte bā āvāz.
10. *Tuṭegā faraz tark karne mene*
Najis par bī sijda karegā jīne.
11. *Imām muqtadī gair bhī leve bol*
Tuṭegā bī us te katā hū so khol.
12. *Bhī bole khatā apnī gair az imām*
Nāmāz hoe fāsīd bī us kā tamām.
13. *Bhī achnā barābar marad zan agar*
Muāfiq adā taḥrīma yak digar.
14. *Zamīn te ucāve tū sijda mane*
Bhī tuttā agar har do pāvā kane.

15. *Bhī ṣāhib i tartīb achegā jo koī*
Vaqat bī namāz kā use tang na hoē.
16. *Tutegā namāz is te sun nek rāē,*
Namāz mē qazā gar use yād āē.
17. *Imām te angē muqtadī hoē kharā*
Tutegā so jāno nhanā tā barā.
18. *Khabar nek bad yā 'ajāib jo koī*
Agarci baqur'ān hadīṣ sete hoē.
19. *Namāz mē jo is kā deve jāb agar*
To jaygā namāz is te sun kān dhar.

1. There are twenty-five causes for prayer's failing,
the praying man must make them his memory treasure.
2. During prayer, if thou (i) speak or (ii) eat
or (iii) turn away from the Qibla thy breast and face
3. And (iv) say Salām, or if thou (v) answer to it (someone's
salām),
so also prayer fails ; hear O Shihāb (meteor).
4. In prayer if thou (vi) callest out, or (vii) sayest Ah,
it will fail or if thou sayest Oh and Vāh.
5. It also fails (viii) in crying through pain,
or (ix) if anyone does with one (hand) many things ;
6. Or (x) if any friend clears his throat without reason,
then through that the prayer will go, listen wise one.
7. If any one (xi) shall recite wrongly the Qur'an,
it fails too if (xii) he recite looking at the book,
8. Or if any one (xiii) ask thus of God
as people ask among men.
9. Also (xiv) give an answer to a sneeze during prayer,
or (xv) if one laugh with a guffaw aloud.
10. It fails if one omits a *farz* (xvi)
or makes a prostration on anything unclean (xvii).
11. If the Leader and his follower shall say anything wrong (xviii),
It will fail for this, I tell you openly.
12. If anyone tells his fault to other than the Leader, (xix)
his whole prayer also is unlawful.
13. Also if a man and a woman are on a level (xx)
at the opening Takbīr close to one another ;
14. Or from the ground if one lift during a prostration
Both feet, it fails also (xxi) ;

15. Or if there is a master of arrangement and the time also for prayer is not short,
16. The prayer shall fail, listen O man of good advice, if in prayer he remembers that (a previous prayer) has been omitted (xxii).
17. Before the Leader if the follower shall stand (xxiii), it shall fail, know this both small and great ;
18. Good news (xxiv) or bad (xxv) or strange, if any one hears, even though from the Qur'an or Tradition the answer be,
19. If he give the answer to it, then the prayer shall fail for that, listen with attention.

The second part of l. 5 is obscure. The accompanying Dakhnī commentary says "doing three things with one hand, or one thing with two hands".

l. 7 : Recite the Qur'ān wrongly. Comm. "if in reciting the Qur'ān, i.e. the Al-ḥamd or the sūra, he makes such a mistake as changes the meaning".

l. 8 : Comm. "asking as from men, O God give me a horse or a wife, or earthly things of this kind ; if he asks for heavenly things the prayer does not fail".

l. 9 : Comm. "if someone sneezes and says Praise be to God, and the person praying says The mercy of God, the prayer is spoilt".

l. 10 : Anything unclean, i.e. unclean cloth or place.

l. 11 : Comm. "if the leader forgets something, and an outsider says it, and the leader repeats it after him, the prayer is not valid". The line may mean "if anyone other than the leader or his follower says anything".

l. 12 : *taḥrīma* or *takbīr i taḥrīma*, the opening *takbīr* after which all worldly actions are unlawful (*ḥarām*).

l. 15 : *ṣāḥib i tartīb* ; master of arrangement, perhaps the man who sees that the lines of worshippers are even, or the leader.

The meaning is that if during a prayer a man remembers that he omitted his prayers at the previous time of prayer, he must first say those prayers, unless there is actually no time to do so.

ll. 18, 19 : If anyone while praying hears good or bad news, and makes a response, even if he takes the words from the Qur'an or from the *ḥadīṣ*, his prayer does not count.

In the MS. *kāf* is always used for both *kāf* and *gāf* ; *gāf* does not occur. *ṭ* has four dots over it, *ḍ* and *ṛ* have four dots under them. In

the poem we find *paregā* and *pare* for *parhegā*, *parhe*, but *kharā* and *barā* are written with *r*. In the commentary *r* is written in *ar* hesitate, *ghorā* horse, *chorṇā* leave ; *r* in *kapre* cloth, *pareā* read, *kharā* and *kharī* standing.

Special Dakhnī words : *tuṭnā* for *ṭuṭnā* break (in title, etc.), two cerebrals not being allowed in one word ; *achnā* for *honā* be (13, 15) ; *kānā* for *kahnā* say (4, 11) ; the agent *jine* who, for ordinary nominative (5, 8, 10) ; *kū* for *ko* to, etc. (7, etc.) ; *bhī* also, at the beginning of a clause (3, 5, 14, 15) ; *admyā* for *ādmīyō* men (8), and many more.

Shāh Malik's use of the word "Dakhnī" to describe his dialect of Urdu should be noted. It would be interesting to know who was the first to employ the word in this sense. It was quite common among his older contemporaries. The earliest I know of was Gavvāṣī, c. 1616.

GLEANINGS FROM EARLY URDU POETS.—

QUTB MUSHTARĪ, 1609, A DAKNĪ POEM BY MULLĀ VAJHĪ OF
GOLKUNḌA

QUTB MUSHTARĪ is a MS. poem in the India Office Library. The Catalogue of Hindustani MSS. states (p. 64, No. 122) that the name and author are unknown; but Mohyeddin Qadri in his recently published *Urdū Shahpāre* gives the name of the poem, points out that twice in the course of it Vajhī is mentioned as the author, and adduces convincing reasons for concluding that this Vajhī and the author of the prose work *Sab Ras*, which was twenty-five years later, are the same person. The date of *Qutb Mushtarī* is A.H. 1018 = A.D. 1609.

Urdū Shahpāre is a work of great value. It discusses Urdu authors from the earliest times down to the death of Valī and to illustrate their writings gives well-chosen extracts, many of which are taken from MSS.

It has been debated whether Vajhī or the King of Golkunḍa, Qulī Qutb Shāh, was the first literary writer of Urdū poetry. The King reigned from 1580 to 1611. The exact date of his work is not known, but as it is unlikely that he wrote nothing till the last two years of his life, I have no doubt that the greater part of his poetry (which occupies 1,800 MS. pages) was anterior to Vajhī's poem. These two authors are of the highest importance. Before their time verse had been religious and moral, written not as poetry, but as a means of instruction. The chief religious poets before 1600 were Shān Mirā Jī, d. 1496, his son Shāh Burhān, d. 1582, Khūb Muḥammad, who wrote in 1578, and the author of *Nūr Nāma* about the same time. Of these Shāh Burhān was a writer of real poetic merit. They all belonged to the Deccan or Gujrāt.

From the ease with which Qulī Qutb Shāh and Vajhī handle the language it is plain that Urdu poetry was even then not quite in its infancy. There is a surprising modernity about their writing. The bad habit of dependence upon Persian was only beginning.

Qutb Mushtarī deals with a legendary incident in the life of the King during whose reign it was written. He dreams, while a prince,

of a lovely maiden. After a time he sets out in search of her, and at the end of many adventures finds and marries her. Vajhī, who was poet laureate, must have been encouraged by the King to write the romance, for without his sovereign's approval he would not have dared to do so. It will be seen that he is fresher and more direct than most of the poets of the following century, and from the standpoint of poetry his work stands higher than that of many who are far better known. He is in fact little more than a name in prose, and is unknown in poetry.

With a view to making the text accessible to a larger number of scholars and students I have transliterated it into Roman. This has necessitated a decision upon the pronunciation of every syllable. It is perhaps regrettable that a quasi-canonical character has thus been given to ideas about early Dakni pronunciation which are sometimes conjectural, but the advantages outweigh the disadvantages. I have tried to make the spelling fulfil the metrical requirements of the poem, but have omitted the frequently occurring, unwritten extra -ă.

“THE DAWN OF LOVE,” FROM *Qutb Mushtarī* BY MULLĀ VAJHĪ OF
GOLKUNDA, 1609

1. *Na bhwī par dise voh na āsmān mē*
Rahyā Shāh usī nār ke dhyān mē.
2. *Lagyā talmalāne bahūt dhāt sō*
Kahyā jāe na bāt dū(vū)bāt sō.
3. *Na yū bāt har ek kī fām hoe*
Vohī jāne jis par jo yū kām hoe.
4. *Kadhī cakh hāse hor kadhī cakh roe*
Kadhī sudh pāve kadhī sudh khoe.
5. *Isī dhāt dīn rāt rahtā ache*
Apas mē ape yū voh kahtā ache.
6. *Bhulāī cācal dhun vū yū Shāh kī*
Ki lubdāe jyñ kāhrubā kāh kī.
7. *Uthe hor phir soe Shāh jāe kar*
Ki dū(vū) nār bhī khāb mē āe kar.
8. *Jo har bār yū khāb mē yār āe*
To ‘āshiq kī bin khāb bhī kuc banhāe (nabhāe).
9. *Pareshān hairān betāb thā*
Na kuc us kī ārām tā khāb thā.
10. *Lagyā Shāh usāsā bharan āh mār*
Ki nazdīk nē hai vū kanvunt (gunvant) nār.

11. *Kadhī be khabar hoe kadhī hoe nushyār*
Kadhī pīv pīv kai kadhī yār yār.
12. *Yū sun muṭribā sab khabardār hue*
Jo mastān the dadan(vū) so hushyār hue.
13. *Bahūt dhāt sō bāt samjhāe kar*
Kahe Shāh kū nazdīk yū āe kar :
14. *Ki ai Shāh tū Jam Shāh khurram ho ac*
Nahī gam tuje kuc tū be gam ho ac.
15. *Jakuc tuḡ kū honā so ḥāzīr hai sab*
Usāsā jo bhartā so tū kyā sababb
16. *Kahyā Shāh dil mēc dharnā bhalā*
Kis pās zāhir na karnā bhalā.
17. *Kise kaū ki munj 'ishq us kā ahe*
Vohī jāne munj 'ishq jis kā ahe.
18. *Jakoi rāz yū bāp kan khole gā*
Divānā huā kar munje bole gā.
19. *Nahī bāt kahne kī yū khol kar*
Ki samjhāū ab kis kū māi bol kar ?
20. *Achū sej par mauj jyū āb mē*
Ki catkā laḡā gaī sakī khāb mē.
21. *Jutā muṭribā Shāh kū samjhā kahe*
Tagāful kiye Shāh hor cup rahe.
22. *Kite kai ki mastī ke cāle haī yū*
Kite kai pirat ke ulāle haī yū.
23. *Kite kai use kucc ochaḡ huā*
Kite kai use 'ishq kā puḡ huā.

Urdū Shahpāre, pp. 189, 190.

“THE WINE FEAST,” FROM *Qutb Mushtarī* BY MULLĀ VAJHĪ, OF
GOLKUNḌA, 1609

1. *Shahanshāh majālis kiye ek rāt*
Vazīrā ke farzand te sab saṅgāt
2. *Har ek khūbshūrāt har ek khush liqā*
So har ek dīlkash har ek dīl rubā
3. *Mahābat ke kāmā mē jam Jam hai jyū*
Shujā'at ke kāmā mē Rustam hai jyū
4. *Nadīm hor muṭrib sugaḡ fahmdār*
Athe Shāh sū mīlkar yū sab ek ṭhār.

5. *Ṣurāhī piyāle le hātā mane*
Nadīmā te mashgūl bātā mane.
6. *Lage mutribā gāne yū sāz sū*
Ki dhartī hale mast āvāz sū
7. *Jo mutrib dū(vū) ṣaḥrā mē is dhāt gāe*
To phir un kū is shauq te ḥāl āe.
8. *Jo gāvan vū Shāh kū kamāte athe*
So rāgā pa rāgā jamāte athe.
9. *Nadīmā laṭāfat mē jo cakh āe*
To rotyā ko khush kar ghaṛī mē hūsāe.
10. *Sharāb hor ṣurāhī nuqal hor jām*
Hue mast majlis ke logā tamām
11. *Jo hūī rāt ādhī bichī do pahar*
Khabardār yārā hue be khabar.
12. *Bisar gai nadīmā taraz bāt kā*
Gāvāe khabar mutribā zāt kā.
13. *Na milte na khūbī jhagarte kahī*
Yakas ke ūpar ek parte kahī.
14. *Lage mast ho saṭne mastī saṅgūt*
Yakas ke so pāvā ūpar ek hāt.
15. *So yū kuc voh yārā hue be khabar*
Ki pānī pīte the sharāb hai kakar.
16. *Yakas kū bulā ek azmāō sū*
Gale lagte the mast ho chāō sū.
17. *Bajāo jo kār to uṭhē gāe kar*
Sate mutribā hosh khushī pāe kar.
18. *Ṣurāhī piyāle sū hamdast ho*
Kirā phirte the dū(vū) dono mast ho.
19. *Yitā mast sāqī huā sud gāvāe*
Ki pyālā maṅge to ṣurāhī kū lyāe.

Urdū Shahpāre, pp. 191-2.

THE DAWN OF LOVE

1. Not on earth she appeared nor in heaven.
The prince recked of naught but the maid ;
2. He was restless in numberless ways.
Nor in words could the matter be told,
3. Nor yet could all understand,
Only he upon whom it had passed.

4. Now a little he smiled, now he wept,
Now lost, now alive, to the world.
5. In this state he remained night and day,
With himself alone had he speech.
6. The charmer absorbed all his thought,
Like amber attracting the grass.
7. He arose, but anon went and slept,
For the maid was seen only in dreams.
8. If the friend comes thus in a dream,
Then the lover wants nothing but sleep.
9. Bewildered, distressed and perturbed—
No peace all the day, save in sleep.
10. The prince breathed out groanings and sighs,
For that virtuous maid was not near.
11. Lost in thought or alert, now he says
“My dear, dear one,” and now “my dear friend”.
12. The singers were roused by the news,
E’en the drunken all sober became.
13. They reasoned with him many wise,
They spoke to the prince, coming near,
14. “O prince, like King Jam, be thou glad ;
Thy sorrow is groundless, grieve not :
15. Whatever thou needest is here ;
Then why dost thou utter these sighs ” ?
16. Said the prince, “ To keep secret is good,
Good also to tell not one soul ;
17. To whom can I say that I love her ?
Let her whom I love alone know.
18. To my Sire be this secret imparted,
He’ll surely regard me as mad.
19. Not openly can this be told,
To whom can I trust this my woe ?
20. On my couch I’m a tossing sea surge,
For my dream-friend my thirst has aroused.”
21. In vain did the singers console,
He turned a deaf ear and was dumb.
22. Many said “ These are follies of youth ”,
Or “ These are o’eturnings of love ”,
23. And “ This is love’s savour ”, said some,
And others “ Mere lightheadedness ”.

A WINE FEAST

1. One night the Emperor an assembly made,
The sons of ministers sat with him there,
2. And every youth was handsome, fair to see,
And winsome every one with youthful charm.
3. In war as unafraid as great King Jam,
In bravery not Rustam's self more bold.
4. Courtiers and singers, elegant and wise
Sat in one place together with the King.
5. Goblet and pitcher taking in their hand
The courtiers one and all engaged in talk ;
6. And when the singers rhythmically sang,
The earth was trembling with the jovial sound.
7. Upon them as they sang in that wild waste
A frenzy passed through overmuch desire ;
8. And they that served the King in minstrelsy
Were adding melody to melody.
9. The singers entering into merriment
Would presently make even mourners gay.
10. With wine and pitcher, salted fruits and cup
Intoxicated all the guests became.
11. When half the night was come and midnight lowered,
Bereft of sense were friends with sense before.
12. Courtiers remembered not how to converse,
And singers their surroundings heeded not.
13. Not meeting as friends meet nor quarrelling,
But falling every one upon his friend.
14. The drunken courtiers swaying drunkenly
Placed each his hand upon another's foot.
15. And in this way the friends lost all their sense
And drinking water, " Sure, 'tis wine " declared,
16. And each to other called by way of test,
And drunken on the necks of shadows fell.
17. When bidden play the singers sang instead,
Witless each man through joy and revelry.
18. The pitchers holding goblets by the hand
Did reel from side to side inebriate.
19. The page became so drunk he lost his wits
And gave a pitcher when a cup was sought.

NOTES

In the transliteration into Roman character the words in brackets are what appear to me to be the correct reading for the word given immediately before, which is that in the printed text.

The chief points of Dakni grammar which emerge are the following: trans. verbs are used in the same way as intrans., even in tenses formed with the past ptep. The agent prep. *ne* is not found. *-ā* is the plur. ending, both nom. and obl., masc. and fem.

It will be noticed that Northern Urdu and Dakni words, forms and constructions are intermixed. A number of the Dakni words have long since disappeared from Urdu. Some are still common in Panjabi.

The spelling frequently reminds us of the actual pronunciation of modern Urdu as distinct from that usually laid down in books.

In these notes "U." stands for Northern Urdu.

The Dawn of Love.

1. *bhuṛī* for *bhuṛī*. *nār*, woman.
2. *dhāt*, manner, kind. *vū*, U. *voh*.
3. *yū*, U. *yeh*. *kñ*, U. *ko*. *fām*, U. *fahm*.
5. *ache*, is.
6. *lubdāe*, connected with *lubdh*.
7. *hor*, and.
8. *nabhāy*, *na bhāy*, not be pleasing.
11. *kai*, U. *kahe*.
14. *ho ac*, become (either *ac* or *ach*).
15. *jakuc*, U. *jo kucch*.
16. *kis* for *kise*.
17. *kaū*, U. *kahū*. *ahe*, U. *hai*.
18. *sakī* for *sakhī*.
21. *jitā*, U. *jitnā*.
22. *kite kai*, U. *kitnō ne kahā*. *pirat*, love, a word still common

in the Deccan.

23. *puṭ*, a common word used in North India as well as the Deccan, practically "admixture" or "taint", but with either good or bad sense. Two hundred years later Sayyid Inshā wrote *Rāmī Ketakī kī Kahānī* in pure Hindi; "*aur na kisī bolī kā mel hai na puṭ*." And 'Alī Ausat Rashk, 1799-1867, said *itnī puṭ imān kī rakhtā nahī*, I have not even so much faith.

The Wine Feast.

1. *sangāt* used prepositionally, with or along with.

3. *jam*, more often *jamjam*, happy, happily ; often like English “ with pleasure ”, for “ certainly ”, “ by all means ”. Here a play on the name of King Jam.

4. *athe*, U. *the*.

6. *hale* ; the vowel in both Pj. and Dak. is *a*, as in eighteenth century U., *halnā*, shake, is not the same as *hilnā*, become accustomed : Pj. *allnā*, *ilnā*.

7. *ṣahrā*, used for the place of meeting, as if a picnic in the desert.

9. *rotyā*, U. *rotō*.

14. *saṭne*, also 17 ; *saṭnā*, leave, give up, hence lose ; Pj. *saṭṭnā*, *suṭṭnā*. *mastī saṅgāt*, U. *mastī se*.

15. *kakar*, U. *kahkar*.

19. *yitā*, U. *itnā*.

Some everyday Pj. words occur in the extracts. Such are : *dis*, Pj. *diss* appear : *kadhī*, Pj. *kadī*, sometimes ; *hor*, Pj. *hor* (*or*) and : *jam*, Pj. *jamjam*, with pleasure : *hal*, Pj. *hall* (*all*), shake : *bisar*, Pj. *vissar*, forget : *gāvā*, Pj. *guā*, lose : *saṭ*, Pj. *saṭṭ*, *suṭṭ*, ; in Pj. means throw.

GLEANINGS FROM EARLY URDU POETS

MUHAMMAD QULĪ QUTB SHĀH, KING OF GOLKUNḌA, 1580-1611.

THIS remarkable writer, the founder of Ḥaidarābād, and probably the first literary poet in the language, was the fourth king of the Qutb Shāhī dynasty which ruled in GolkunḌa, one of the five states into which the Deccan was divided after the break up of the Bahmanī kingdom. In the last number of the *Bulletin* I gave reasons for believing that he was an earlier writer than Vajhī, who in 1609 wrote the *maṣnavī* known as *Qutb Mushtarī*, in which he related a story having this very monarch for hero. Only five years after Qulī Qutb Shāh's death his works were collected by his nephew and successor. They have never been published, but the beautiful original MS. compiled under the orders of his nephew in 1616 is still in Ḥaidarābād. It consists of 1,800 pages and has perhaps 100,000 lines.

Though he lived so long ago his name is one of the greatest in Urdu. He shows wonderful human interest, for he writes of everyday matters, Hindu and Muḥammadan festivals, the customs of the country, life in his palace, the celebration of his birthday, and of natural objects such as fruit, vegetables, and flowers. The only poets who can be compared with him are Saudā and Nazir, both of whom he excels in description of nature, while in his sympathetic account of Hindu life he is superior to all other Muḥammadan poets.

I have given here translations of three poems. The first is a charming little lyric, in which he tells of his affection for a nut-brown maid; the second was written on the occasion of his birthday. The third is a love poem rather more general than the first, but not nearly so conventional as most Urdu gazals. There is a directness about it which is very attractive. His Daknī poems were written under the name of Ma'ānī.

The words between brackets in the following text are suggested emendations where the text seems to me to be faulty.

NHANĪ SĀŌLĪ

1. *Nhanī s̄valī par kiyā hū nazar*
Kh̄abar sab gāvākar huā be kh̄abar.
2. *Tirā qadd sarv nikle jab chand sō*
Dasan [disan] jot munj kū disan jyū qamar.

3. *Pavan setī hat rākhī hai āp kamar*
Sūraj cand naman jhamke vū zar kamar.
4. *Maī us nūr sō lubdyā hū kyā ‘ajab*
Do jag roshnī pāyā kis nē khabar ?
5. *Tū dūrī darāve munje dūr the*
Vū kyā bījhe mo dil mē hai tū nagar.
6. *Mā‘ānī ke bātā the jhartū namak*
Jī cākhe kahe hai namak sō shakar.
(*Maḥbūb uz Zamān*, 759.)

BARAS GĀTH

1. *Nabī kī du‘ā the baras gāth pāyā*
Khushyā kī khabar ke damāme bajāyā
2. *Piyā hū maī Ḥazrat ke hat āb i kauṣar*
Tū shāhā ūpar mujh kalas kar banāyī.
3. *Merā quṭb tāra hai tāryā mē nājl [nājl]*
Tū mujh bar falak rang kā catr chāyā.
4. *Sūraj candr pī tāl hokar bajē tab*
Maṇḍal ho falak tamtamāyā bajāyā.
5. *Kare Mushtarī raqṣ muj bazm mē nūl*
Baras gāth mē Zuhra kalyān gāyā.
6. *Merā gulistā tāza is te huā hai*
Mujh is bāg the mevā damdam khilāyā.
7. *Dinde dushmanā kū so yak jā milākar*
So ispand ke mātārā karnā cāhā.
8. *Khudāyā Ma‘ānī kī ummed bar lyā*
Kī jyū sāt kī mehnī te jag sab akhāyā [aghāyā]
9. *Khudā kī razā sō baras gāth āyā*
Sahī shukr kar tū baras gāth āyā.
10. *Du‘ā e umāmā the mujh rāj qāim*
Khudā zindagānī kā pānī pilāyā.
11. *Gul i Muṣṭafā sete serā gundāyā*
Mujh is gul kā serā ḥamail banāyā.
(*Maḥbūb uz Zamān*, p. 752.)

PIYĀ

1. *Piyā bāj pyālā piyā jāe nā*
Piyā bāj yaktal jiyā jāe nā.
2. *Kahe the piyā bin ṣubūrī karū*
Kahyā jāe ammā kiyā jāe nā.

3. *Nahī 'ishq jis voh barā kūr hai*
Kahī us se mil baiseā jāe nā
4. *Qutāb Shāh na de muj divāne ko pand*
Divāne ko kuc pand diyā jāe nā.

(Urdu, ii, 5, 22.)

THE LITTLE DARK GIRL

From the Divān of Muḥammad Qulī Quṭb Shāh,
 King of Golkunḍa 1580-1611

1. Mine eyes have seen a little girl's dark face
 and have become forgetful of all else.
2. Thy cypress form comes out coquettishly
 and lights appear to me like moon rays fair.
3. Swift as the wind her hands surround her waist,
 that golden waist then shines like sun and moon.
4. No wonder that her radiance conquers me,
 the light of earth and heaven : who knows it not ?
5. Thy absence drear affrights me from afar ;
 how can she know her home is in my heart ?
6. Look, salt is dropping from Ma'āni's words,
 but when one tastes, it is not salt, but sweet.

MY BIRTHDAY

Muḥammad Qulī Quṭb Shāh, King of Golkunḍa

1. Through the prayer of the Prophet I've now reached my birthday
 And beaten the drums sounding forth the good news.
2. I have drunk at the hand of Muḥammad sweet nectar ;
 God therefore has made me the crown over kings.
3. The Pole star, my name star is nobler than all,
 My canopy coloured expands in the sky.
4. The sun and the moon both are clashing like cymbals
 With sky for arena and tambourines' sound.
5. There Jupiter dances to honour my birthday,
 While Venus is chanting a victory song.
6. My garden is thus overflowing with freshness,
 And furnishes fruit every hour of the day.
7. My enemies all in one place God has gathered
 And wishes to burn them like incense in fire.

8. Fulfil, O my God, all my hope's expectation,
As Thou gladdenest the earth with the soft rain of peace.
9. The favour of God has brought me my birthday,
Give true thanks to Him for thy birthday now reached.
10. Through prayers of the priests my kingdom stands firmly,
God gives me to drink of the water of life.
11. And weaving a garland of roses from Persia
Has threaded the garland on me as the cord.

LIFE IN A LOVE

By Muḥammad Qulī Quṭb Shāh, King of Golkunḍa

1. Without the loved one wine cannot be drunk,
Nor without her one moment life be lived.
2. They said "Show patience absent from your love";
This can be said, but surely not be done.
3. The man who knows not love is merciless,
Never with such a one hold speech or sit.
4. I am distracted, give me no advice,
Never to such as I is counsel given.

NOTES

The royal author's fondness for indigenous words should be observed.

Nhanī Sāḍī

1. *nhanī*, U. *nannhī* : *gāvākar*, losing.
3. *naman*, like : *vū*, U. *voh* : *quṭb tāṛā*, a play on his own name.
4. *lubdyā*, connected with *lubdh* ; *nē*, U. *nahī*.
5. *tū*, U. *terā*, *terī*.

Barasgāṭh, in later U. *sālgira*

3. *najl*, an obvious mistake. I suggest *nājil*.
7. *ispand* seeds were burnt as incense to drive off evil spirits.
8. *sāt* for *shāntī*.
9. *sahī*, U. *ṣahīh*.
11. *gul i Muṣṭafā*, for *gul i Muḥammadī*, the ordinary Persian rose. *sete* for *setī* ; *serā* for *sihrā*.

Piyā. p. 203, line 1, *kūr*, Hindi, not Persian,

Early Hindi and Urdu Poetry

PEN PICTURES BY BANĀRSĪ DĀS AND ZAṬALLĪ

BANĀRSĪ DĀS of Jaunpūr belonged to the Jain community and was born in 1586. The following charming extracts are taken from his most famous work, *Arddh Kathānak*, an autobiography completed in 1641.

His wonderful power of word painting is exemplified in these passages. The first describes the commotion in Jaunpūr when the news of Akbar's death was received in 1605. We feel the spell of the description, and tremble with the frightened populace. This picture should be compared with Zaṭallī's account of the turmoil after the death of Aurangzeb. (See below.)

The second tells of the Black Death, bubonic plague, in Agra during 1616, the first time the city was visited by that pestilence. Anyone who has been in India during a plague epidemic will realize the force of his words, the rats dying, the spread of the disease among the people, the glandular swellings, the sudden deaths, the mortality among the physicians, the despair and flight of the townsfolk afraid even to partake of food.

The third relates an experience of the author, when he and his friends were caught in torrential rain, the street doors were shut, no one would ask them in, and the caravanseraī was full. One woman was prepared to take pity on them, but her husband sternly refused them.

I. THE DEATH OF AKBAR, 1605

1. *Is hī bīc nagar mē sor*
2. *Bhayo udangal cārihu or*
3. *Ghar ghar dar dar diye kapāt*
4. *Haṭvānī nahī baiṭhē hāt*
5. *Bhale bastr aru bhūṣan bhale*
6. *Te sab gāre dhartī tale.*
7. *Ghar ghar sabanī visāhe sastr*
8. *Logan pahire moṭe bastr.*
9. *Ṭhāṛhau kambal athrā khes*
10. *Nārīn pahire moṭe bes.*
11. *Ūc nīc koū na pahicān*

12. *Dhanī daridrī bhaye samān.*
13. *Corī dhārī disai kahū nāhī*
14. *Yōhī apabhay log darāhī.*

KAVITĀ KAUMUDĪ, 36

II. PLAGUE IN AGRA, 1616

1. *Is hī samay iti bistarī, parī Āgre pahilī marī*
2. *Jahā tahā sab bhāge log pargaṭ bhayā gāṭh kā rog.*
3. *Nikasai gāṭhi marai chin māhī, kāhū kī basāy kachu nāhī ;*
4. *Cūhe marai vaidya mari jāhī, bhay so lōg ann nahī khāhī.*

Id., 35

III. THE RAIN

1. *Phirat phirat phāvā bhaye, baiṭho kahai na koi ;*
2. *Talai kīc sō pag bhare, ūpar barsat toi.*
3. *Andhkār rajnī viṣai himritu agahan mās*
4. *Nāri ek baiṭhan kahyo, puruṣ uṭhyo lai bās.*

Id., 36

I. THE DEATH OF AKBAR

(The news of Akbar's death comes to Jaunpūr)

1. A cry was heard throughout the town :
2. On every side a tumult rose,
3. In every house the doors were locked.
4. No more sat traders in their shops,
5. But garments fine and jewels fine
6. Were buried all beneath the earth.
7. In every house they brought out arms ;
8. Rough were the garments they put on.
9. Men stood in blanket or in shawl ;
10. Women were clad in raiment coarse.
11. Twixt high and low, was difference none.
12. For rich and poor were now the same.
13. Though theft and robbery were not seen,
14. Through causeless fear men were afraid.

II. PLAGUE IN ĀGRA

1. Then spread distress around, plague first on Agra fell.
2. The folk fled forth all ways (the gland-disease had come).
3. The swellings rise, the stricken people helpless die.
4. First rats, then doctors die ; through fear the people fast.

III. THE RAIN

1. Walking, walking, worn and weary ; none invites to sit ;
2. Feet are clothed with mud beneath, overhead the rain descends :
3. In the murkiest night of winter season's black November ;
4. " Pray be seated " said one woman, but her man rose with a staff.

The word *ṭhāṛhau* in I, 9, means standing. It is used in the Simla hills to-day in the form *ṭhāṛhū* for a kind of servant, a man who brings wood or water for travellers, and does other unskilled menial jobs.

III, 1, *phāvā* is hard to understand. I connect it with Panjabi *phāvā* "weary".

THE DEATH OF AURANGZEB BY MĪR JA'FAR ZATALLĪ 1659-1713

This poem describing the state of things which prevailed after Aurangzeb's death, should be compared with Banārsī Dās's Braj poem written nearly seventy years earlier, in which he tells of the excitement produced among the people of Agra by the receipt of the news of Akbar's death in 1605.

Zatallī was a notorious satirist and jester, sparing no one except the Emperor. Even the princes were not immune. He seems to have had a great respect for Aurangzeb. It is said, but without complete proof, that he was executed by orders of Farrukh Siyar.

THE DEATH OF AURANGZEB

1. *Kahā ab pāiye aisā Shahanshāh*
2. *Mukammal akmal va kāmīl dīl āgāh ?*
3. *Rakat ke āsūō jag rotā hai*
4. *Na mīṭhī nīd koī sotā hai.*
5. *Ṣadā ē top o bandūq ast har sū*
6. *Basar asbāb o bandūq ast har sū*
7. *Davādav har taraf bhāg paṛī hai*
8. *Bacca dar god sar khatyā dharī hai.*
9. *Kaṭākatt o laṭālaṭ hast har sū*
10. *Jhaṭā jhaṭṭ o phaṭāphaṭ hast har sū*
11. *Bahar sū mār mār o dhār dhār ast*
12. *Ocalcāl o tabar khaṇjar kaṭār ast*
13. *Az ā A'zam va'ī sūe Mu'azam*
14. *Jhaṛā jhaṛ o dhaṛādhār har do pāyam*
15. *Bibīnam tā Khudā az kīst rāzī*
16. *Bikhṛānad khaṭba bar nām kih qāzī.*

PANJĀB MĒ URDŪ.

1. Where shall we find so excellent a king,
2. Complete, consummate, perfect, knowing hearts ?
3. The world is weeping tears of blood,
4. And gentle sleep to no one comes.
5. On all sides noise of cannon and of gun
6. Men carrying goods and guns upon their heads.
7. And fleeing here and there on every side,
8. Beds on their heads, and children in their arms.
9. Cutting and smiting on all sides,
10. Wrenching and splitting on all sides,
11. On all sides death and violence.
12. Turmoil, axes, daggers, poniards.
13. That side A'ẓam, this Mu'azzam,
14. Fighting, struggling, both I find,
15. But let me see whom God approves,
16. For whom the priest on Fridays prays.

The last four lines refer to the internecine war between Aurangzeb's sons A'ẓam and Mu'azzam. The author wonders whom God will favour and who as Emperor will be mentioned in the Friday prayers. It was Mu'azzam who was successful and came to the throne. He is known to history as Bahādur Shāh.

l. 15 may have two meanings : (1) whom God makes King, and (2) whom God takes to Himself ; in other words who is defeated and dies. In the first case it is parallel to line 16, in the second case 16 is the reverse of 15, the meaning being " let me see which is defeated, and which becomes Emperor ". l. 16 refers to the fact that the ruling sovereign is prayed for in the Friday prayers.

The author freely uses Persian words ; the second, fifth, sixth, thirteenth, fifteenth, and sixteenth lines are pure Persian.

l. 9, *laṭālaṭ* might be read *luṭālūt* " robbery ".

l. 12, *ocalcāl* is probably for *calācal* or *calcalāo*.

In l. 14 the *r* of *jhar* is doubled for metrical reasons. This is specially interesting because it is not possible to pronounce a double *r*, and it looks as if the author was satisfied so long as his eye saw a double *r*, even though his tongue could not say it.

For double *r* compare the following sentence from *Mirā Jī Khudā-numā*, c. A.D. 1600, quoted in Urdu, April, 1928, p. 158, *e sab Qur'ān kā chirṛacā deke vale magẓ nahī cākhe*, these all see the husk of the Qur'ān, but do not taste the marrow.

I. "A VISION OF DEATH." BY AHMAD

THE following beautiful poem was found in a MS. notebook dated 1748. The date of the poem is unknown, but it must be older than the MS. We may put it provisionally at 1650-1700. The author's name occurs in the last couplet. Nothing is known about him, and there are many poets of the name.

- | | |
|-----------------------------------|----|
| چون شب گذشت صبح چرہی تب سمجہ پری | ۱ |
| جاگن نہ ہوا ایل گہری تب سمجہ پری | ۲ |
| جب مرگ کا پیالہ پیا آنکھ کھل گئی | ۳ |
| جب کھاتا پر چودہ دھری تب سمجہ پری | ۴ |
| توشل نہالیوں سے مجھے فکر نہ ہوا | ۵ |
| جب ایت زیر سیس دھری تب سمجہ پری | ۶ |
| جس وقت یار چھوڑ چلے ہم رہے نکو | ۷ |
| منکر نکیر پوچھے دھری تب سمجہ پری | ۸ |
| حساب کا جو وقت ہوا آنکھ کھل گئی | ۹ |
| چیتی عمل کی آپ پرہی تب سمجہ پری | ۱۰ |
| عمرا تمام گزر گئی عمل نہ ہوا | ۱۱ |
| جب عمر کی دوپہر دھلی تب سمجہ پری | ۱۲ |
| احمد کون طرف کوی نہین جز خدا رسول | ۱۳ |
| جب فضل پر امید دھری تب سمجہ پری | ۱۴ |

1. When passed the night and came the day, 'twas then I understood.
2. Ere I had been one hour awake, ah then I understood.
3. When I had drunk the cup of death, my eyes were opened then ;
4. When on the bier my corpse they placed, 'twas then I understood.
5. I nothing recked of covering quilt or cloth,

6. When 'neath my head the stone they placed, 'twas then I understood.
7. What time my friends left me and went, how foolish I remained ;
8. Munkir, Nakir both questioned me, 'twas then I understood.
9. When came the time of my account, my eyes were opened then ;
10. I read the statement of my works ; 'twas then I understood.
11. My life was spent, the whole of it, no work had I to show ;
12. When passed the noonday of my life 'twas then I understood.
13. Save God and the apostle now on Aḥmad's side was none ;
14. But when I trusted grace divine, 'twas then I understood.

The poem contains no cerebral letters except *ḍ* in *choḍ*, l. 7. This *ḍ* is probably not original. We find *carhī* "ascended", *parī* "fell", *gharī* "hour", *khāt* "bed", *īt* "brick", *cūthī* "letter", *parhī* "read", *dhalī* "descended".

Peculiarities for metrical reasons are *huvvā* for *huā*, l. 2 ; *ḥissāb* for *hisāb*, l. 9 ; 'umrā for 'umr, l. 11.

In l. 4, *codiya* is doubtful. I read it as *co deh*, though in this case *co* is tautological. The sense appears to require a word for corpse. Or is it *caudīa*, a style of sitting ?

l. 6, stone ; lit. brick.

l. 7, *nakū* is difficult. In Daknī the word would mean "not", which hardly gives sense, and the poem is not Daknī. I am taking it as for نکوی

l. 13, If we retain *kū* we must take *taraf* as "helper", "supporter".

II. ONOMATOPOETIC LINES FROM GIRIDHAR DĀS

The following extract is taken from Narsih Kathāmrit (Nṛsih Kathāmṛt), a poem by Gopāl Candr, known as Giridhar Dās, 1833-60. He was the worthy father of a famous son. Hariś Candr, his son, 1850-85, is one of the most famous Hindi poets, certainly the most famous in the last 200 years. The lines convey the impression of deafening noise and blinding light. They are a good test of ability to pronounce *r* smoothly and easily.

1. भयो भयंकर शब्द महान मगड़ गड़ गड़ड़ड़ ।
2. फट्यो खंभ द्वै खंड कराल ककड़ कड़ कड़ड़ड़ ॥
3. बढ्यो कौटि रवि तेज समझि झझड़ झड़ झड़ड़ड़ ।
4. भगे दनुजगन देखि सरूप सड़ड़ सड़ सड़ड़ड़ ॥
5. भड़ भड़ड़ भड़ड़ परवत गिरहिं हड़ड़ हड़ड़ हाली धरनि ।
6. अहि कमठ कोल करि घरघरे भए तेज तैं हत तरनि ॥

1. There came a great and awful sound—*gagara gara gararara*.
2. The pillar split in two huge parts—*kakara kara kararara*.
3. The glory grew and flashed like suns a hundred thousand—
jhajara jhara jhararara.
4. The demons fled on seeing the sight—*sarara sara sararara*.
5. *bhara bharara bharara* fall the mountains; *harara harara*
shakes the earth.
6. Trembled the serpent, tortoise, boar, and elephant; the sun
lost his glory.

It is difficult to convey by sound the ideas of splendour and refulgence, but the word *jhamak* contains those ideas. It occurs in the verb *jhamakki*, l. 3, and the *jh* is repeated four times in the rest of the line. Perhaps one might say that the sounds represented by the letters suggest both noise and dazzling light.

In the line telling of the flight of the demons, we should have expected more sibilants, but evidently Giridhar wished to emphasize the crashing of their departure rather than the swishing and rustling that accompanied it.

A Brief Grammar of the Kanauri Language.

Introduction.

The country of Kanaur is called by its inhabitants *Kānōrīn*, a man of the country is *kānōrōs*, fem. *kānōrē*. The language is *kānōrīn skad'*, Kanauri speech, or *kānōrēanū skad'*, the speech of the Kanauris. The Kōcī speaking people of lower Bashahr nick-⁵ name the language *Minchāṇ*. As the words *kānōrīn skad'* have a somewhat unfamiliar appearance and sound, I have given to the language the more usual name Kanauri, the name which is used by all non-Kanauri people in the state and is more or less familiar all over the Panjab. Kanauris themselves call their language *ka-¹⁰ nauri* when they are speaking Hīndī or Kōcī. Kōcī is the generic name given to every Aryan dialect spoken in Bashahr State.

The county of Kanaur lies in Bashahr State, which has an area of 3800 sq. miles and a population of 84 000. The Kanauris themselves number nearly 20 000.¹⁵

Few languages have their limits defined with such mathematical precision as Kanauri. It begins abruptly at mile 92 on the Hindustan Tibet road just over 20 miles from Rampur, the capital of the state, and continues up the Satlaj River to past mile 192. It is therefore spoken in the Satlaj Valley or sub-valleys for a²⁰ distance (measured along the road) of one hundred miles.

There are in all four dialects, I. *Kanauri proper*, spoken from mile 92 to mile 162, i. e. from two miles beyond Sārāhāṇ to Jāngī. Between mile 92 and Tārāṇḍā, which is at mile 104, it is spoken only on the south side of the river.²⁵

II. *Lower Kanauri* spoken between miles 92 and 104 on the north side of the river. This dialect does not greatly differ from Kanauri proper. It uses more Kōcī words, but is in its grammar wholly Tibeto-Himalayan.

III. *Thēbōr skad'*, spoken in the villages of Līppā, Āsraṇ,³⁰ Lābrāṇ, Kāṇām, Shūnnām and Shāsō. This dialect I have not had an opportunity of studying. Kanauris living within ten miles of when it begins to be spoken say that they cannot understand more

than half of it. Further up the Satlaj than the Thëbörskad' area we come to the Nyamskad' dialect of Tibetan.

IV. A dialect spoken in the Baspa valley in two villages called Chhītkhūl or Rākshām. I have a few notes on this dialect. It certainly is a Kanauri dialect, but differs considerably from Kanauri proper and is not understood at all by ordinary Kanauris.

Roughly speaking we may say that Kanauri proper is spoken between long. 77° 53' and long. 78° 30' east of Greenwich and between lat. 30° 28' and lat. 30° 39' north.

10 Into the philological problems connected with Kanauri this Grammar does not attempt to enter. They have been ably treated by Dr. Sten Konow in the Zeitschrift, Vol. 59, p. 117 ff. and more fully in the Linguistic Survey of India Vol. III, part. 1. Dr. Sten Konow shows that Kanauri belongs to the pronominalised group
15 of Tibeto-Himalayan languages, and has many points of affinity with the Munḍa languages. All that I have attempted is, working at first hand, to give the Grammar correctly and to explain the pronunciation with the greatest possible care. I trust that these notes will anew draw the attention of philologists to this fas-
20 cinating speech.

In this Introduction the placenames have been given their more common Kōcī pronunciation.

Pronunciation.

The pronunciation of Kanauri is exceptionally difficult. It is
25 worth while to go into it carefully. There are 23 clearly distinguished vowel sounds, to which there may be added two or three less clearly marked

Vowel sounds. In these notes *a* is used for the following sounds, *ā*, long, like *a* in Italian *trovare*.

30 *a*, the same vowel but considerably shorter.

ā, the sound of *a* in America, *u* in *fun*.

e is generally like French *é*, but has various lengths.

ē is long.

e is the same vowel shortened.

35 *ě* is very short and is a wider vowel than the above, rather like *e* in *pet*.

e followed by *ñ* is extremely narrow, as in *keñ*, give.

There are three sounds represented by *i*, all narrow.

i long, as in Italian *Lina*, but longer.

40 *ī* same vowel, shorter.

ĩ same vowel, very short.

The sounds for which I have used *o* are somewhat complicated.

ō is long narrow Italian *o*.

o the same but shorter. This is sometimes longer and some-

times shorter, and one is tempted to what would probably be an over refinement, the differentiation of two medium *o* *s*.

ō is a diphthongal sound, composed of *o* and very short *ö*, the two pronounced very rapidly as one sound *öö*. Thus *dök'ts* = *doök'ts*.

ō above the line, English *aw* in *atre*.

ō above the line is the *o* of English *hot*. The length of this is not quite invariable, but it is generally very short.

ō is used for a very short sound of the type of German *ö*, but short and inclining towards the narrower sound of German *ü*:

ō is the German *ö*. This sound is somewhat rare.

The *u*'s are

ū long like *oo* in *school*. Rarely this tends to get narrowed slightly towards *ü* as in *shū* a god.

u, same vowel, but shorter.

ũ a slightly wider vowel, short, like *u* in English *bull*, but not so wide as the English *u*.

ü like German *ü*, very short, but not so narrow, *dumghyür*, kind of temple, *pül(h)* feather, *mül(h)* silver.

Sometimes one hears a *ü* which seems almost between *ü* and *ü*, as in *zgyül* lichen, *pyüd* woof. Here the *u* resembles a rapid combination of *ü* and *ü*, thus *zgyüül*, the two being very rapidly enunciated. So also *yünnig'* go and *yünnig'* grind corn. I am not sure that this is really a distinct sound, and as it does not occur in the Grammar no special symbol is needed for it.

ai like *a* in *man*.

au diphthong, slightly different from *ō*. It is in fact a combination of *ō* and *ũ*. *ōu*.

One feels almost inclined to make an exaggerated generalisation and to say that the normal vowel in Kanauri is half-long, *a*, *e*, *i*, *o*, *u*, and that short and long vowels are exceptional. It is noticeable that in very many loan words the reverse is the case, we have *phörk* = *farq*, difference, *bārābār*, always. The whole difficulty is greatly enhanced by the fact that the length of the vowels is not always the same.

The greatest difficulty in Kanauri pronunciation is found in connection with the half-uttered *g'* or *k'* as found at the end of a syllable and especially at the end of a word. This letter occurs in all infinitives, *-mig'*, in the first person sing. of all verbal tenses and in a number of ordinary words. I have represented it by *g'*, it might almost equally well be represented by *k'*. When a word like *görmig'* is rapidly enunciated, the final letter sounds like a half uttered *k*, if a very slight emphasis is placed upon it it sounds like *gk'* both letters half uttered, the sound bearing a resemblance to the sound emitted by a German imperfectly acquainted with English, in saying the word *big*. If the syllable be emphasised it becomes *g*. When followed by a sonant it is *g*, when followed by a surd it is *k*, before a vowel it is generally *g*. Thus *reg'*, a kind of tree,

Genitive *regū*; *ag'*, cave, Genitive *agū*. Sometimes at the end of a word, preceded by *n*, it becomes *kh*, as *ma lūnkh*, *ma ūnkh*, negative Future of *lūnmig'* and *ūnmig'*.

I once had a few minutes conversation with a Kanaura man 5 who knew a little Urdu. He stated that in the Infinitive the letter was a *g*, *lūnmig'*, but in the Future and Past a *k*, *lūntok'*, *lūnak'*. I am not quite convinced, however, that he was not making a difference where none exists.

There is a tendency in Kanauri with other consonants also to 10 leave them half pronounced at the end of syllables, as, e. g. *d* in Imperatives *shēd'*, *pōrēd'*.

Verbal roots ending with a sonant generally change it to a surd before another surd; thus

cōnmig', drip, *√ cōg*, Past *cōkshid*.

15 *kammig'*, pierce, *√ kab*, *kāpcimig'* pierce me or you.

Many words ending in a vowel have that vowel closed by a sharp jerk like that which closes words ending in *-g'*. I have indicated this jerk by the sign *ˆ*. Many examples will be seen in the following grammar, e. g. *tōˆ*, *dūˆ*, he is, *tokeˆ*, *dūeˆ*, he was, *kaˆ*, thou, *nināˆ*, we.

20 *l* is generally as in English, but at the end of an accented syllable it tends to become very dental, being pronounced with the tongue against the teeth. This give it almost an aspirated sound. *pūl(h)*, feather; *mūl(h)*, silver.

n is like English *n*, but at the end of accented syllables a 25 little more dental. Between two vowels *n* tends to become cerebral, but even when cerebralised is less cerebral than the Hindi *ṇ*.

ranmig', give, Imve. *raṇiñ*, *raṇic*, Past *raṇög'*.

lānmig', do, Past *laṇög'*.

neg', I shall know, *nīˆ*, it will be, neg. *ma neg'*, *ma nī*.

30 *ñ* is the *gn* in Italian *signor*, at the end of an accented syllable very dental, *keñ* give.

ṇ is English *ng* in *singing*. I noticed one or two lightly pronounced *ṇs*, the word for horse is *rāṇ*, quite distinct from *rāñ* mountain.

35 *ch* is sometimes more cerebral than in Hindi, e. g. *chū* when *ch* is pronounced rather for back in the mouth.

˜ denotes the nasalisation of a vowel.

A noteworthy tendency is that of prefixing *s* and *z* (occasionally *sh* and *zh*) to words beginning with surds and sonants respectively, especially *p*, *b*, *k*, *g*. 40

Thus, *zbīādūˆ* for *bīādūˆ*, he is going, *skrapshimig'* for *krapshimig'*, weep together, mourn. I have indicated this by putting the *s* or *z* in brackets.

Surds at the end of a word are sometimes aspirated; thus,

45 *rōth*, native loaf; plural *rōte*.

sūth, bug; plural *sūte*.

All consonants not mentioned above are pronounced as in Hindi.

Dialectic differences. We must always bear in mind the presence of purely dialectic variations, thus Infinitives in *nmig'* and *nnig'*, Futures in *-ög'*, *-äg'*, *-ög'*, Past in *-ög'*, *-ag'*, *-äg'*; *tocē*, for *toke'*, *lantōsh* for *lantish*, *dē'* for *dūe'*, represent mere differences of dialect, and all may be regarded as correct. 5

Noun. Number. The noun has two numbers, singular and plural. There are no special forms for the dual.

Gender. There is no grammatical gender. Sex is indicated by different words and occasionally by different endings.

zāzeā, eater (male), *zāzē*, eater (female). 10

toitseā, striker (male), *toitsē*, striker (female).

kyō or *skyō* prefixed to a word denotes a male, *mōnth* denotes a female. Thus *kyō pyā*, male bird, *mōnth pyā*, female bird.

Case. The cases will be seen from the paradigms. The accusative is generally the same as the nominative, occasionally the same as the dative. Nouns ending in a vowel generally add *-gā* to the nom. plural. The ablative ending seems to be *-kts* (or *kc*), and is generally used simply with inanimate objects, for animate objects it is joined to the preposition *doā'* and used in the form *dōk'ts*. 20

Agent. There is a certain amount of freedom in the use of the agent case. The common rule seems to be that for Intransitive verbs it is not used: for Transitive verbs.

Nouns which are the subject of Transitive verbs are in the agent case for all tenses. 25

First and second personal pronouns are in the nominative case. Pronouns of the third person are in the agent case for Past tenses, otherwise they are in the nominative.

This rule is not strictly adhered to, and we find agentive forms for first or second personal pronouns. 30

ts is often added to a noun to give a diminutive sense as *chan*, son, boy, *chant's*, little boy.

Pronouns. The pronouns show a great complexity of form. In the second and third persons there are respectful forms, and all three persons have a dual. In the first personal pronoun there are exclusive and inclusive forms for both the dual and the plural, indicating the exclusion or inclusion of the person spoken to. Thus — we two shall dine at eight, if said to a friend would involve the pronoun *kāshōn*, thou and I, but if said to a servant *nishi*, he and I, to avoid the servant's considering himself invited. 40

Relative. There is no proper relative, but in its place are employed interrogative forms, or forms ending in *-ana*, (-ever), as *hūtiana*, whosoever, *thōdiana*, whatsoever.

Verb. The verbal forms are very complex, and in some respects very full. Thus every ordinary tense has a polite form for the second and third singular, and dual forms for the first and second persons. The ordinary plural forms are used for the dual of the

third person. The first person has exclusive or inclusive forms for the dual and plural.

The verb substantive has two bases *tog'* and *dūg'*. In addition to the forms mentioned below under Conjugation the following
5 should be noted.

There is an indeclinable Present Tense formed by adding *-ts* to the root (roots in *n* frequently dropping the *n*), thus *lōts*, they say, I say &c. from *lōnmig'*, *nīnā' lōts*, we say.

māēts is not, are not, there is not, from the negative *ma*
10 (see below under Negative).

There is a Past in *gyō* or *kyō*, this ending being added to the root. After sonants (including *m*, *n*, *l*) the ending is *gyo*, after surds and vowels it is *kyo*, after *r* both are found. Both transitive or intransitive verbs have this ending.

15 *lāngyō*, did, from *lānmig'*, *bīkyō*, went, from *bīmig'*,
bōngyō, came, from *būnmig'*, *cīkyō*, washed, from *cīmig'*.

I cannot explain this ending.

A peculiarity about the indeclinable past in *-shid* is worth noting. When it is used with the verb substantive *dūg'*, *dūeg'*,
20 (present and past), the latter is regularly declined both in the present and in the past; thus, *toṇshid dūg'*, *dūn*, *dūeg' dūen*, &c. I have, thou hast, I had, thou hadst beaten.

When, however, the verb substantive of the form *tog'*, *tokeg'*, is employed, the nominative is always of the first person, but the
25 verb remains indeclinable in the third person; thus *toṇshid to'*, *tokē'*. I have, I had beaten.

The letter *sh*, sometimes with a euphonic *i*, is inserted after the root to express a reflexive or mutual or even passive sense; thus
30 *krammig*, (V *krab*) cry, *krapshimig'* or *skrapshimig'*, cry together (perhaps falling on each other necks).

toṇmig', strike, *toṇshimig'*, strike oneself or one another.

sarmig', raise, *sarshimig'*, rise (cf. Italian *levarsi*).

zāmig', eat, *zāshimig'*, be eaten.

The letter *c* similarly inserted after the root indicates an object
35 of the first or second person.

tāmig, place, *tācimig'*, place me, us, you &c.

gō shēcōdūg', I am sending you (from *shēnmig'*, send).

ka' shēco-dūn, thou art sending me, us.

40 *lāncish tosh*, (he, respectful) is waiting for me, us, thee, you.

lāncish nītish, will (probably) be waiting for me, us, thee, you.

gō toṇcog', *ka' thū toṇcon*, I will beat thee, why wilt thou beat me?

The pronouns may also be expressed. There is no form for a third personal object.

45 **Transitive, intransitive.** A transitive or intransitive sense is frequently expressed by special verbs, e. g. *shēnmig'* with verbal noun or conjunctive participle often expresses a transitive or

causative sense, as *pö pö shēnmig'*, cause to arrive, from *pönnig'*, arrive, and *hacimig'*, become, or some other verb, expresses an intransitive sense.

Often entirely different verbs are used. Not infrequently, however, the only difference is that transitive verbs have an initial *s* surd, while intransitive verbs have the corresponding sonant.

byaṇmig', fear, (*s*)*pyaṇmig'*, frighten.

dōnmig', go or come out, *tōnmig'*, put out.

barmig', burst (intr.), *pharmig'*, burst (tr.).

boṇmig', burn (intr.), *poṇmig'*, burn (tr.).

Of the verbs *kēmig'* and *ranmig'*, both meaning 'give', *kēmig'* is used when the indirect object is of the first or second person, and *ranmig'* when it is of the third.

gös ranshids, I gave (him &c.).

nüks kerō', he gave (me, you &c.).

aṇ bayās kinū ketō', my brother will give you.

This rule is not always observed. Thus *Ṭikā Rām* has *dōpōṇ gö aṇesi khau ketōg'* I will give him food. I have verified this.

Interrogative. The letter *a* is often added to a verb, and sometimes to other parts of speech to indicate a question. Thus with the verb substantive we notice such forms as these, *tona*, *toṇa*, *to'a*, *toca*, *toṣha*, and with other verbs *zātona*, wilt thou eat? *toṇaca*, will you strike?

Negative. For the Imperative the negative is *tha*, for all other tenses *ma*. The Future is very often contracted when used along with *ma*. This is occasionally true of other tenses. It should be noticed that this contraction, while a little puzzling, is not nearly so bewildering as in the cognate language Lāhulī.

Examples of contraction.

ma toṅ, I will not strike, Fut. *toṇtōg'*.

ma rōg, I will not cause to graze, Fut. *rōgtōg'*.

ma pōrēāg', I will not be obtained, Fut. *pōrēātōg'*.

ma dōreg', I will not run, Fut. *dōrēātōg'*.

ma pōg, I will not arrive, Fut. *pōtōg'*.

The verb substantive *tog'*, *tokeg'* is contracted to *maig'* (*main*, *maiṇ*, *mai'*, regular) and *mai keg'* (*mai ken*, *mai keṇ*, *mai kē'*, &c. regular).

In these words the *a* and *i* are separately pronounced.

As *n* between two vowels tends to become cerebralised, we have forms like

ma neg', I do not know, Fut. *nētōg'*.

ma nī, there is not, Fut. *nītōg'*.

The **Verbal noun** is formed by adding *-im* or *-am* to a root ending in a consonant, and *-m* to one ending in a vowel. This is the form used in compound verbs, see below.

Sometimes *-mō* or *-mo* is added to the root, especially when the verbal noun is nominative to a verb, as *tūṇmō zārūr maṇi* it

is not necessary to eat, *bīmo om maikē'*, going formerly not was, one had not to go formerly; *rēnno tēār tēsh*, (the sun) is ready to set, *kan* or *kanmo biō'*, he went to bring.

Loanwords. There are a great many Hindī loanwords. Nouns are often taken over with a mere addition of *ōh*, as *kāmōh*, Hindi *kām*, work, *bātōh*, H. *bāt*, matter &c., or *ōs*, *cōrōs*, H. *cōr*, thief; or -*in* as *pētīn*, H. *pēt* stomach.

We find them among adverbs, *bārābār*, *hāmēsh*, and *sūda*, all meaning 'always', *bāerān*, outside, *dōr*, far, closely resemble H. *bārābār*, *hāmēshū*, *sūdā*, *bāhār*, *dūr*. With *hūn*, *hūnā'* now, and *nērōn*, near, compare Panjabi *hūn*, *hūnē*, *nērē*.

In Verbs they are adapted and then conjugated like regular Kanaurī words. The following will be found conjugated in the lists below.

- 15 *pōrēnnig'*, be obtained, H. *pārṇā*.
pōtshēnnig', arrive, H. *pāhūncnā*.
zītēnnig', win, H. *jītnā*.
hārēnnig', be defeated, H. *hārṇā*.
dōrēnnig', run, H. *daṛṇā*.

- 20 **Compound Verbs.** *Wish to*, *be able to*, *permit to*, *learn to* are expressed by means of the verbal noun.

Wish, *gyāmig'*.

gō bīm mā gyāg', I do not wish to go.

- 35 *kī zām mā gyau dēñ* (contracted from *dūyēñ*), you were not wishing to eat.

gō bīm mā gyāgyā tokeg', *hūn bīm gyātōg'*, I had not wished to go, now I wish to go.

tūnām gyāts dūyeg', I was wishing to drink.

Be able, *sōkyēnnig'*, loan word from Hindī (*sūknā*).

- 30 *gō cēm mā sōkēā'* (pronounced almost *maskēā'*), I cannot write.
gō cēm sōkēā' tō', I can write.

gō pēlē cēm mā sōkēā', *hūnā sōkēā' tō'*, formerly I could not write, now I can.

- 35 *rī' gō bun mā sōkyēdā'*, the day before yesterday I could not come.

It is noticeable that the word for *can* or *could* seems invariable. *sōkēā'*, *sōkēā' tō'*, *sōkyēdā'*, all have the form of the 3rd sing.

Permit, *shēnnig'*, (lit. send).

The verbal noun is used with the required tense of *shēnnig'*.

- 40 *bīm shēnnig'*, permit to go.
tūnam or *zām* or *bun shēnnig'*, permit to drink or eat or come.
dōk'ts sūra rōgim shedā', he sent him to feed swine, might mean, he allowed him to feed swine.

gasā cīm shedā', he sent or allowed to wash clothes.

- 45 *Learn*, *hushīmig'*.

gō cem hushög', I shall learn to write.

Necessity is expressed by the Infinitive with the verb substantive, and also by *gyāmig'*. (See under *advisability*.)

gö bimig' tō', I have to go; cf. Hindi *mūjhē jānā hai*.

dogos thō zāmig', what are they to eat?

Advisability or *duty* is rendered by the Infinitive of *gyāmig'*, wish, with the verbal noun or ordinary infinitive.

bīm gyāmig', one should go or will have to go.

kinu zām or *zāmig' gyāmig'*, you should eat.

kinu tōnām or *tōnmig' gyāmig'*, you should beat.

aū bandau gyāmig' tō', to me a servant is advisable or 10
necessary, I need a servant.

cōrōs mū lān gyāmig', it is not right to do stealing (to steal).

Conditional Clauses. The protasis appears to be always the root of the verb with *ma* affixed. The apodosis varies according to the sense. For the past conditional apodosis the Infinitive with 15
the past of the verb substantive is generally used.

do bōnma taīma paisa pōrēnnig' duē', he come-if, then
paisa to-be-obtained was, if he had come, then he
would have obtained a pice.

dō zāma tōnmig' duē', he eat-if, become-ill was; if he had 20
eaten, he would have become ill.

do bōnma gö rote ranmig' dūyeg', if he had come I should
have given him loaves.

do bōnma gö rote rantög', if he comes I shall give him loaves.

hāth būnma, if anyone comes (who come-if).

the batōn nīma lī, what matter become-if even, what-
ever may happen.

ma nīma, not become-if, if it be not so, i. e. otherwise
(*n* becoming *n* between two vowel).

The Conjugation of the Verb. What may be called the 30
root of the verb is found by dropping the *-mig'* of the Infinitive.

Infinitive. The Infinitive ends in *-mig'*. When the root ends
in *n* the Infinitive has both *-nig'* and *-mig'*, i. e. the *m* may at
pleasure be assimilated to the preceding *n*.

Verbal noun see page 667.

Future. The future is formed by adding *-tög'* to the root.
Verbs whose root ends in *-ci* or *-shi*, whether this ending is a
pronominal suffix or not, form the Future by changing *ci* or *shi*
to *cög* or *shög*. The ending *-ög'* is sometimes dialectically varied
to *-og'* or *-ag'*.

Imperative. The Imperative is generally the root. Rootsending
in *i* or *e* or *ā* are sometimes euphonicly changed, as *bih* or *bīōh* or
bīūh from *bimig'*, go; *ciū* from *cimig'*, wash; *gyau* from *gyāmig'*, wish.

Three other forms of the Imperative are found; one adds to
the root *rā'*, which is declined. This form seems to be used when 45
immediate compliance with the order is not necessary. What this

-*rā'* is I do not know; can it be connected with *ranmig'*, give, as in Hindi *chōrdē*, leave, *banādē*, make, where *de* is from *denā*, give?

Another adds *dā'* instead of *rā'*. The special sense of *dā'* seems obscure. A few verbs have both *rā'* and *dā'* forms, as
 5 *hacimig'*, become; *ranmig*, give; *unmig'*, take; *lanmig*, do; *gyālmig'*, win, but in most verbs only the *rā'* form is allowed.

Some Hindi loanwords ending in *-ēnnig'* form their Imperatives in *-ed* as *pōtshēd*, *zītēd*, from *pōtshēnnig*, arrive, *zītēnnig'*, conquer. So also *sōmzēd*, from *sōmzēānmig'*, understand, a verb which forms
 10 some of its tenses as if from *sōmzēnnig'*. These Imperatives are regular except for the 2nd sing.

Present and Imperfect Indicative. These tenses are formed by adding the Present or Past of the Verb Substantive to the Present Participle, which in turn is made by adding *-o* to the
 15 root. Of the two forms of the verb substantive *dūg* and *dueg'* are commoner in these tenses than *tog'* or *tokeg'*.

The following are irregular: *rōnmig'*, graze, *rōgodūg'*; *zūnmig'*, begin, *zūgodūg'*; *tōshimig'*, sit, remain, *tōshidūg'*; *tūmmig'*, drink, *tūnādūg'*; *kēmig'*, give, *kērodūg'*; *nēmig'*, know, *nēōdūg'*; *n* is very
 20 frequently changed to *g*.

Past. The Past generally formed by adding to the root *-ag'* or *-shid*, the later being indeclinable. Verbs whose roots end in *n* generally drop the *n*.

toimig', beat, *tonag'*, *tonshid*; but *dāiōg'* from *dāīnmig*, run;
 25 *rāshid* from *ranmig*, do; *bōshid* from *būnnig'*, come.
-ag' sometimes becomes *-āg'* or *-ōg'*.

We notice also a past in *-eg'* specially in verbs with roots in *-shi* or *-ci*, thus *tōshimig'*, remain, *tōshēg'*; *hacimig'*, become, *hacig'*; *hushimig'*, learn, *husheg'*.

30 Some verbs, usually with roots ending in *-n*, have a past form in *-dag'*, in addition to one or more other forms, as *shēnnig'*, send *shedag'*; *pōrēnnig'*, be obtained *pōrēdag'*; *dāīnmig'*, run, *dāīādag'*; *tōnmig'*, become ill, *tōdag'*; *būnnig'*, come *bōdag'*.

Some verbs whose roots end in *-n* or in a vowel drop the
 35 *a* of *-ag'* as, *pōnnig'*, arrive, *pōg'*; *zāmig'*, eat, *zāg'*; *kānnig'*, bring, *kāg'*; *lōnnig'*, say, *lōg*; *shēnnig*, send *shēg*; *kēmig'*, give, has *kerag'* or *kēshid*.

The Pluperfect. The Pluperfect seems to be made by combining the Conjunctive Participle (see below), with the Past of the
 40 Verb substantive; thus *shishī tokē'*, having died was, had died; *shō bibī toke'*, lost having-gone was, had been lost; *gyāgyā tokeg'*, having wished I was, I had wished. This construction may, however, indicate rather a past state than a pluperfect tense.

The Present Perfect is formed similarly with the Present
 45 of the Verb substantive, but we must enter the same caveat. *tōto to'*, from *tōnmig'*, get ill, may be *he has got ill*, but it may also be *he is in a state of having got ill*, i. e. *he is ill*.

Participles. Present. By adding -o to the root we get a kind of Present Participle, which seems to be used only in composition with the verb substantive or *nīmīg'*, become.

Conjunctive, made by a repetition of the root. *nēnē*, having known, from *nēmīg'*; *kākā*, having brought, from *kanmīg'*; *ton̄ton̄*, 5 having beaten, from *ton̄mīg'*.

Verbs with more than one syllable before the root repeat only the latter or last syllable, *pōrērea'*, having been obtained from *pōrēnnīg'*; *dōrērea'*, having run, from *dōrenmīg'*.

A continuative sense is given to the Conjunctive Participle 10 by adding -o to each half: — *bīo bīo*, having continually gone, from *bīmīg'*; *tūnotūno*, having continually drunk, from *tūnmīg'*, cf. Hindi *jā jā kē*, *pī pī kē*.

Passive Participle. There is a Passive Part. formed by adding -*shēs* or *shīs* to the root, thus *cēshēs*, written, *ton̄shēs*, beaten, 15 *ma gyāshēs*, not desired. In Transitive verbs this participle means in the state of having been beaten &c., in Intransitive verbs it means, in the state of being &c.

Verbs whose roots end in *shi* or *ci* contract *shēs* to -*ās* or -*is* or -*ös*. thus, *tōshās*, sitting, from *tōshīmīg'*, *hacas*, having be- 20 come, from *hacīmīg'*, *dāshas*, having quarrelled, from *dāshīmīg'*, *chukshas*, having met, from *chukshīmīg'*.

The Participle expressing *on* doing or *while* doing a thing has two forms made by adding -*ērōn* (or -*erōn*) and *ēnēn* (or *yēnēn*) to the root. *rōn* is apparently the preposition meaning *with*. The 25 root undergoes the same changes as in the Present Indicative.

kēmīg, give, *kerērōn*, on giving, *kerēnēn*, while giving.

ton̄mīg', beat, *ton̄ērōn*, on beating, *ton̄ēnēn*, while beating.

unmīg, take, *unērōn*, on taking, *unyēnēn*, while taking.

bīmīg, go, has *bēnēn* and *bīerōn*. 30

I am not clear about the exact difference in meaning between these two participles.

Agent. The agentive Participle is formed by adding -*zea* or -*tsea* to the root, *zea* generally being added to a root ending in a consonant, and *tsea* to one ending in a vowel. Verbs whose roots 35 end in *n* frequently drop the *n* and take the latter form. For *tsea* and *zea* *dea* and *sea* are found. The Feminine is *tsē*, *zē*, *dē*, *sē*.

kēmīg', give, *ketsea*, giver; *unmīg'*, take, *unzeā*, taker; *kan-*
mīg', bring, *katsea*, bringer.

The forms are much interchanged, thus *zāmīg'*, has *zāzea*, and 40 *ton̄mīg'*, beat, has *ton̄tsea*.

Roots ending in *shi* or *ci* take *zeā*; *hacīmīg'*, become, *hacizeā*; *tōshīmīg*, sit, *tōshizeā*.

This ending is commonly used with nouns, chiefly in the form *zea* or *sea* or *tsea*. If there means the 'person or thing connected 45 with', thus *rañzea*, the man with the horse, the owner or rider or driver.

Central Kanauri.

Nouns.

Masculine.

rān (*rāñ*), horse.

	Singular.	Plural.
5	Nom. <i>rāñ</i> , horse	<i>rāñā</i>
	Gen. <i>rāññi</i>	<i>rāññāññi</i>
	Dat. <i>rāññi</i> , <i>rāññi pōñ</i>	<i>rāññāññi</i> , <i>rāññāññi pōñ</i>
	Acc. <i>rāñ</i> , <i>rāññi</i> , <i>rāññi pōñ</i>	<i>rāññā'</i> , <i>rāññāññi</i> , <i>rāññāññi pōñ</i>
10	Abl. <i>rāññi dōk'ts</i>	<i>rāññāññi dōk'ts</i>
	Agent. <i>rāñās</i>	<i>rāñās</i> .

mī, man.

		Plural as Singular.
	Nom. <i>mī</i>	
	Gen. <i>mīññi</i>	
15	Dat. <i>mī pōñ</i>	
	Abl. <i>mī dōk'ts</i>	
	Agent. <i>mīs</i>	

kīm, house.

	Nom. <i>kīm</i>	<i>kīmā'</i>
20	Gen. <i>kīmū</i>	<i>kīmanñi</i>
	Dat. <i>kīmū pōñ</i>	<i>kīmanñi pōñ</i>
	Abl. <i>kīmok'ts</i>	<i>kīmanñi dōk'ts</i>
	Locative <i>kīmau</i>	<i>kīmanau</i> .

Nouns ending in a vowel have an alternative form in the plural.

25	Nom. <i>bōbā</i> , <i>bōwā</i> , father,	<i>bōwā'</i> , <i>bōwagā</i>
	Gen. <i>bōbau</i>	<i>bōwanñi</i> , <i>bōwagāññi</i>
	Dat. <i>bōbā pōñ</i>	<i>bōwanñi pōñ</i>
	Abl. <i>bōbā dōk'ts</i>	<i>bōwanñi dōk'ts</i>
	Agent. <i>bōbās</i>	<i>bōwās</i> , <i>bōwagās</i> .
30	Nom. <i>atē</i> , brother.	<i>atē</i>
	Gen. <i>atēō</i>	<i>atenñi</i>
	Dat. <i>atē pōñ</i>	
	Abl. <i>atē dōk'ts</i>	
	Agent. <i>atēs</i>	<i>atēs</i>

35 or *ategā*, Gen. *ateganñi* &c. regular.

The locative is formed by adding *-ō* or *-au* to the nom., thus, *kīmau*, in the house; *rīmō*, in the field; *wōrkīō*, to far; *mulkīō*, in the county; *kāmōñō*, in work; *dhōmau*, in the box.

Feminine.

	Singular.		Plural.	
Nom.	<i>cimēd</i> , daughter		<i>cimēdā'</i>	
Gen.	<i>cimēdū</i> or <i>cimēdū</i>		<i>cimedanū</i>	
Dat.	<i>cimēdū pön</i>		<i>cimedanū pön</i>	5
Abl.	<i>cimēdū dōk'ts</i>		<i>cimedanū dōk'ts</i>	
Agent.	<i>cimēdās</i>		<i>cimēdās</i>	
Nom.	<i>rīngz</i> , rings, sister		<i>rīngzā'</i>	
Gen.	<i>rīngzū</i>		<i>rīngzanū</i>	
Dat.	<i>rīngzū</i> or <i>rīngzū pön</i>		<i>rīngzanū</i> or <i>rīngzanū pön</i>	10
Abl.	<i>rīngzū dōk'ts</i>		<i>rīngzanū dōk'ts</i>	
Agent.	<i>rīngzās</i>		<i>rīngzās</i>	
Nom.	<i>amā</i> , mother		<i>amagā'</i>	
Gen.	<i>amau</i>		<i>amaganū</i>	
Dat.	<i>amā pön</i>		<i>amaganū</i> or <i>amaganū pön</i>	15
Abl.	<i>amā dōk'ts</i>		<i>amaganū dōk'ts</i>	
Agent.	<i>amās</i>		<i>amagās</i>	

Pronouns.

First Person.

	Singular.	Dual exclusive.	Dual inclusive.	
Nom.	<i>gö</i> , I	<i>nishī</i> , he and I	<i>kāshön</i> , thou and I	20
Gen.	<i>añ</i>	<i>nishū</i>	<i>kashönū</i>	
Dat.	<i>añū</i>	<i>nishū</i>	<i>kashönū</i>	
Abl.	<i>añ dōk'ts</i>	<i>nishū dōk'ts</i>	<i>kashönū dōk'ts</i>	
Agent.	<i>gös</i>	<i>nishīs</i>	<i>kashönīs</i> , <i>kashöns</i>	25

Plural.

	Exclusive (excluding "you")	Inclusive (including "you")	
Nom.	<i>ninā'</i>	<i>kishönā'</i>	
Gen.	<i>ninanū</i>	<i>kishönānū</i>	
Dat.	<i>ninanū</i>	<i>kishönānū</i>	30
Abl.	<i>ninanū dōk'ts</i>	<i>kishönānū dōk'ts</i>	
Agent.	<i>ninās</i>	<i>kishönās</i>	

Second Person.

Singular.

	Ordinary, thou.	Polite, you.	
Nom.	<i>ka'</i>	<i>kī'</i>	35
Gen.	<i>kan</i>	<i>kīn</i>	
Dat.	<i>kanū</i>	<i>kīnū</i>	
Abl.	<i>kan dōk'ts</i>	<i>kīn dōk'ts</i>	
Agent.	<i>kas</i>	<i>kīs</i>	40

Second Person.

	Dual.		Plural.
	Nom. <i>kishī</i>		<i>kinā'</i>
	Gent. <i>kishū</i>		<i>kinanū</i>
5	Dat. <i>kishū</i>		<i>kinanū</i>
	Abl. <i>kishū dōk'ts</i>		<i>kinanū dōk'ts</i>
	Agent. <i>kishis</i>		<i>kinās</i>

Third Person &c.

	Nom. <i>do</i> , he, she, that	<i>nu</i> , he, she, that	<i>ju</i> , this
10	Gen. <i>dō</i>	<i>nū</i>	<i>jū</i>
	Dat. <i>do pōn</i>	<i>nu pōn</i>	<i>ju pōn</i>
	Abl. <i>do dōk'ts</i>	<i>nu dōk'ts</i>	<i>ju dōk'ts</i>
	Agent. <i>dos, doks</i>	<i>nus, nūks</i>	<i>jus, jūks.</i>

Respectful.

15	Nom. <i>dogo</i>	<i>nugo</i>	<i>jugo, jogo</i>
	Gen. <i>dogonū</i>	<i>nugonū</i>	<i>jugonū, jogonū</i>
	Dat. <i>dogonū</i>	<i>nugonū</i>	<i>jugonū</i>
	Abl. <i>dogonū dōk'ts</i>	<i>nugonū dōk'ts</i>	<i>jugonū dōk'ts</i>
	Agent. <i>dogos</i>	<i>nugos</i>	<i>jugos, jogos.</i>

Dual.

20	Nom. <i>doksōn</i>	<i>nūksōn</i>	<i>jūksōn</i>
	Gen. <i>doksōnū</i>	<i>nūksōnū</i>	<i>jūksōnū</i>
	Dat. <i>doksōnū</i>	<i>nūksōnū</i>	<i>jūksōnū</i>
	Abl. <i>doksōnū dōk'ts</i>	<i>nūksōnū dōk'ts</i>	<i>jūksōnū dōk'ts</i>
25	Agent. <i>doksōnōs</i>	<i>nūksōnōs</i>	<i>jūksōnōs</i>

Plural.

	Nom. <i>dogoa</i>	<i>nugoa</i>	<i>jugoa</i>
	Gen. <i>dogoanū</i>	as <i>dogoa</i>	as <i>dogoa</i>
	Dat. <i>dogoanū</i>		
30	Abl. <i>dogoanū dōk'ts</i>		
	Agent. <i>dogoas</i>		

hätt who?

	Singular.	Dual.	Plural.
	Nom. <i>hätt</i>	<i>hātsōn</i>	<i>häte</i>
35	Gen. <i>hätū</i>	<i>hātsōnū</i>	<i>hātenū</i>
	Dat. <i>hätū</i>	<i>hātsōnū</i>	<i>hātenū</i>
	Abl. <i>hätū dōk'ts</i>	<i>hātsōnū dōk'ts</i>	<i>hātenū dōk'ts</i>
	Agent. <i>hätūs</i>	<i>hātsōnōs</i>	<i>hātes.</i>

Other pronouns: *hūti*, someone, anyone, *hūti ma*, no one, e. g. *hūti ma bödā'*, no one came.

thö, *the*, what?, *thötsi*, something, anything.

thötsi ma, nothing, *tsaē*, *tsēi*, all.

-*āna*, -ever, e. g. *hūtiaṇa*, whosoever, *thōdiaṇa*, whatsoever. 5
an, self, e. g. *an rokshodū'*, he himself is grazing himself.

Adjectives.

Comparison of adjectives is effected by the use of one of the words *kā'*, *kē's*, *bāskyön*, *nū*, than, with the positive form of the adjective. e. g. 10

dēbāsh or *dām*, good; *jū kā' d-bāsh*, better than this;

nu bāskyön ju dām tō', than that this is better;

tsēi kē's dēbāsh, better than all, best;

gō bāskyön nū dām or *an kā' nū dām*, that is better than I;

nū tsēi nū dām or *kā' dām* or *bāskyön dām*, that is better 15
 than all.

Demonstrative (near)

Demonstrative (far)
 or Correlative

Interrogative

hönē', like this,

hödē', like that

hatē, *halā*, like what?

hötrā', so much or
 many,

hötrā', so much or
 many,

tetrā', how much or 20
 many?

For the relative *hūtiaṇa*, whosoever, and *tetriaṇa*, how much
 so ever (or the interrogative *tetrā'*) are used.

Adverbs.

Time.

25

hūn, *hūnā'*, now

mē, yesterday

dōk, then

rī', day before yesterday

tērōn, when?

ritsomā', on fourth day back

ōmī, formerly

tēraī, *terōn*, ever

pēlē, formerly

tēraī tēraī, some times 30

toro, to-day

tērōn tērōn, some times

nasūm, to-morrow

hē, again

romī, day after to-morrow

bārābār, regularly, always

pāē, on fourth day

hūmēsh, always

ē, *ēī*, on fifth day

sōda, always 35

cē, *cēī*, on sixth day

kūroī, on seventh day

Place.

jōn, *hōjōn*, here

rīn, up

dōn, *hōdōn*, there

shōn, down 40

nōn, *hōnōn*, there

nērōn, near

hām, where?

dör, far

jōn tōn (stōn), up to this

wark, far

Place.

<i>nön tön</i> (<i>stön</i>), up to there	<i>oms, omts</i> , in front
<i>don tön</i> (<i>stön</i>), up to there	<i>nyums</i> , behind
<i>jök'ts</i> , from here	<i>kōmo</i> , inside
	<i>bāerūn, bairūn, bērin</i> , outside.

5

Other adverbs: *thū*, why?; *nā, ō*, yes; *ma, tha*, no, not; *li*, also; *dām*, well; *hāsūl*, quickly; *taimā*, then (inferential).

The affix *-ī* adds emphasis, as, *hōnōnī*, in that very place, so also *hōdōnī, tērōnī*.

10

Prepositions.

The commonest prepositions have been mentioned in the declension of nouns and pronouns. The same word is sometimes both a preposition and an adverb.

	<i>nōn</i> , beyond	<i>dā', doā'</i> , near, beside
15	<i>jōn</i> , on this side	<i>rōn</i> , with, along with
	<i>dēn</i> , upon	<i>stōn, (tōn)</i> , up to
	<i>yūthōn</i> , beneath	<i>tēnēs</i> , for, for sake of
	<i>añ doā'</i> , beside me; <i>añ rōn</i> , with me; <i>jōn stōn</i> , up to here,	
	<i>kan tēnēs</i> , for thee, for thy sake.	
20	<i>ts</i> or <i>c</i> is sometimes affixed to give the idea of from, as,	
	<i>nōnts</i> , from beyond.	

Verbs.

Auxiliary.

Present, I am &c. *tog', dūg'*.

25	First.	Second.	Third.
	Sing. <i>tog'</i>	<i>ton</i> ; (polite) <i>toñ</i>	<i>to'</i> ; (polite) <i>togh</i>
	<i>dūg'</i>	<i>dūn</i> ; <i>dūñ</i>	<i>dū'</i> ; <i>dūsh</i>
	Dual. <i>toc</i> (= he and I), <i>to'</i> (thou and I),	<i>toc</i> (you two)	
	<i>dūc</i> <i>dū'</i>	<i>dūc</i>	
30	Plur. <i>toñ</i> (they and I), <i>tō'</i> (you and I)	<i>toñ</i>	<i>tō'</i>
	<i>dūñ</i> <i>dū'</i>	<i>dūñ</i>	<i>dū'</i>

Past, I was &c. *tokeg', dūeg'*.

	First.	Second.	Third.
	Sing. <i>tokeg'</i>	<i>token, tokeñ</i>	<i>toke', tokesh</i>
35	<i>dūeg'</i>	<i>dūen, dūeñ</i>	<i>dūe', dūesh</i>
	Dual. <i>tokec, toke'</i>	<i>tokec</i>	
	<i>dūec, dūe'</i>	<i>dūec</i>	
	Plur. <i>tokeñ, toke'</i>	<i>tokeñ</i>	<i>toke'</i>
	<i>dūeñ, dūe'</i>	<i>dūeñ</i>	<i>dūe'</i>

40 The second forms in the past correspond to the second forms in the present.

görmüç fall.

Future, I shall fall &c. *görtög*.

	First.	Second.	Third.
Sing.	<i>gör-tög</i>	<i>-tön</i> , (polite) <i>-tiñ</i>	<i>-to</i> , (polite) <i>-tösh</i> , <i>-tis</i>
Dual.	<i>-tic</i> (he and I), <i>-te</i> (thou and I),	<i>-tic</i>	
Plur.	<i>-tiñ</i> (they and I), <i>-te</i> (you and I),	<i>-tiñ</i>	<i>-to</i>

5

Imperative *gör* fall.

Sing.	<i>gör</i> , (polite) <i>göriñ</i> or <i>gördä</i> , <i>gördiñ</i>
Dual.	<i>göric</i> <i>gördic</i>
Plur.	<i>göric</i> , <i>göriñ</i> <i>gördic</i> , <i>gördiñ</i>

10

Present Indicative, I am falling.

görodüç or *görotog*, like *düg* and *tog*, regular.

Imperfect, I was falling.

15

görodüeg or *görotokeç* like *düeg* and *tokeç*, regular.

Past, I fell, *görüç*, *görshid*.

	First.	Second.	Third.
Sing.	<i>gör-ög</i>	<i>-än</i> , (polite) <i>-eñ</i>	<i>-ä</i> , (polite) <i>-esh</i>
Dual.	<i>-ec</i> (he and I): <i>-shē</i> (thou and I):	<i>-ec</i>	
Plur.	<i>-ec</i> (they and I); <i>-shē</i> (you and I);	<i>-eñ</i>	<i>-ä</i>

20

görshid is indeclinable for all persons and numbers.

Participles.

25

görgör having fallen, *görogöro* having kept on falling, repeatedly fallen, *göryēñ* while falling, *görrön* on falling, *gortsea* fallen.

tönmüç, beat.

Fut. *töntög*. Negative *ma töng*, I shall not beat.

Imperat. *tön* &c.

30

also *tönrä* (sing.), *töñriñ*, *töñric*.

Pres. Indic. *tönödüg*, *tönötög*,

Imperf. *tönödüeg*, *tönötokeç*.

Past *tön-ag* *-an*, *-eñ*, *-ä*, *-ash*

-ec, *-shē* *-ec*

35

-eñ, *-shē* *-eñ* *-ä*

also *tönshid*

Participles *töntön*, *tönötönö*, *tönñenñ*, *töñerön*, *töntsea*.

shuñmig', finish, waste.

Fut. *shuñtög'*, Negative *ma shuñg*.

Imperat. *shuñ* and *shuñrā'*
and so on like *toñmig'*.

5 *pönmig'*, fill.

like *toñmig'*.

gyālmig', win.

Imperat. *gyal* &c., *gyalrā'* &c., *gyaldic* &c.

Past *gyalög*

10 otherwise like *toñmig*.

tsümmig', hold

like *toñmig*, except.

Negative Future *ma tsümkh*.

Past *tsumög'* as in *görmig'*.

15 *bammig*, be defeated

like *gyalmig'* except that in the Imperat. the form in *-dic* is not found.

shübzig', slaughter (animal).

Neg. Future *ma shübg*.

20 Past *shübög'*

the past like *toñmig'*.

röñmig', graze (transitive).

n changes to *g* in declension.

Future *rögtög*.

25 Negative (*ma*) *rög*

rögic, *rögshau* or *rögtau*

rögön, *rögiñ*, *rög*,

rögic, *rögshau* or *rögtau*

rögic

rög.

rögiñ

Imperat. *rög*, *rögiñ* &c. also *rögrā'* &c.

Pres. Ind. *rögödüg'*, *rögotög'*.

30 Imperf. *rögödüeg'*, *rögotokeg'*.

Past *rögög*, *rögshid*.

zūñmig', begin.

Neg. Fut. 1st sing. inclus. dual or plur. *zūgshē'* and *zūgmē'*.

Past *zūzag'*, *zūgög'*, *zūgshid*

35 otherwise like *röñmig'*.

Verbs whose root ends in *n*.

Some retain *n*, others change it to *d*. Those changing it to *d* omit it altogether in the Future.

ranmig', give.

40 Fut. *rantög'*, Neg. *rāng*.

Imperat. *ran*, *raniñ*, *ranic*, also *ranrā'* &c.

Pres. Imperf. *rano-düg'-düg'* &c.

Past *raṇög'*, *raṇshid*.

Past *ranran* or *rārā*, *ranēnēn*, *ranzea* &c.

unmig', take.

Neg. Fut. *ūṅkh*.

Partic. *ūññ*, *unyēnēn*, *unzeā*, &c.

otherwise like *ranmig'*, except that *n* does not change to *ṇ*.

lānmig', do.

Neg. Fut. *lāṅkh*.

Imperat. *lōn*, *laniñ* &c, *lānrā'* &c., *lāndic* &c.

Past *lanög'*, *lanshid*.

Partic. *lālā*.

otherwise like *unmig'*.

lōnmig', say, speak.

Future *lōtög'*, Negative *lōg*.

Imperat. *lōn*, *lōñ*, *lōc*.

Pres. and Impf. *lōdo-dūg'*, *-dūeg'* &c.

Past *lōg* *lōn*, *lōñ* *lō'*, *lōsh*.

lōc, *lōshē'* *lōc*,

lōc, *lōshē'* *lōñ*, *-lō*.

also *lōshid*, *lōdag'*. For 1st dual and plur. inclusive, *lōdag'* has *lōdā'*.

Participles *lōlō*, *lōdyēnēn*, *lōtseā* &c.

shēnmig', send &c.

Fut. *shētög'*, Neg. *shēg'*.

Imperat. *shen*, *shēñ* &c, *shērā'* &c.

Pres. *shedo-dūg'* &c.

Past *shēg*, *shēdag'*, *sheshid*.

Several verbs with roots in *-n* are loanwords from Hindi, e. g. *pōrēnmig'*, be obtained, H. *pārṇā*, *pōtshēnmig'*, arrive, H. *pāhūncnā*, *zītēnmig'*, win, H. *jītnā*, *harēnmig'*, be defeated, H. *hārṇā*, *dōrēnmig'*, run, H. *daṛṇā*.

pōrēnmig', be obtained.

Fut. *pōrēātög'*, Neg. *pōrēāg'*.

Pres. and Impf. *pōrēdo-dūg'*, *-dūeg'* &c.

Past *pōrēdag'*, *pōrēshid*.

Partic. *pōrēreā*, &c.

pōtshēnmig', arrive.

Fut. *pōtshīātög'*, Neg. *pōtshēg'*.

Imperat. *pōtshē-d*, *-ñ* &c., also *pōtshēārā'* &c.

Pres. and Impf. *pōtshīādo-dūg'* &c.

Past *pōtshēdag'*, *pōtsheshid*, *pōtshīāg'* (which has 1st dual and plur. inclus. *pōtshīāshē'*).

zitenmīg', win.

Fut. *ziteātög'*, Neg. *ziteg'*.

Imperat. *zited*, *ziteñ* &c. also *ziteārā'* &c.

Pres. *ziteādodüg'* &c.

5 Past. *ziteäg'*, *zitedag'*, *ziteshid*.

harënmīg', be defeated.

Fut. *harëtög'*, Neg. *hareg'*.

Pres. and Impf. *harëdo-düg'*, *-düeg'* &c.

Past *harëag'*, *harëshid*.

10 *hareshis*, defeated.

dörënmīg', run.

Fut. *dörëātög'*.

Neg. Fut. *dör-eg'*, *-en*, *-eñ* *-e'*.

-ec, *-ëashē'* or *-ëatē'*, *-ec*.

15 *-ec*, *-ëashē'* or *-ëatē'*, *-eñ* *-ē'*.

Imperat. *dörëd*, *dörëñ* &c.

Pres. and Imperf. *dörëdo-düg'*, *-düeg'*.

Past *dörëäg'*, *dörëdag'*, *dörëshid*.

Partic. *dörëreā*, *dörëtsēa* &c.

20 *dāīnmīg'*, run.

Fut. *dāīātög'*.

Neg. Fut. *dāg'*, *dāñ*, *dañ*. *dāshē'* or *dāshau* or *dātē'* &c.

Imperat. *dāo*, *dāñ*, *dāe* &c. also *dārā'* &c.

Pres. and Imperf. *dāīādo-düg'*, *-düeg'* &c.

25 Past *dāīäg'*, *dāīādag'*, *dāīāshid*.

Partic. *dāīā*, having run, *dāīdō dāīulō*, *dāīderōn* &c.

tonmīg', be ill.

Fut. *tötög'*.

Neg. Fut. *tog'*, *ton'*, *toshē'* or *totē'* &c.

30 Imperat. *töd*, *tōn* &c., also *torā'* &c.

Pres. and Imperf. *tōdo-düg'*, *-düeg'* &c.

Past *tōdag'*, *tōshid*.

Partic. *tōto* &c.

pönmīg', arrive.

35 Fut. *pötög'*, Neg. *pög'*.

Imperat. *pörā'* &c.

Pres. and Impf. *pōdo-düg'* &c.

Past *pōdag'*, *pōshid*, *pöy*.

pöy has 1st dual and plural inclusive *pōshē'*.

40 *kanmīg'*, bring.

Fut. *kātög'*, Neg. *kāg'*.

Imperat. *kan*, *kañ* &c., and *karā'* &c.

Pres. and Impf. *kādo-düg'* &c.

Past *kādāg'*, *kāg*, *kāshid*.

45 Participle *kākā* (accent on second), *kādyēñēn*, *kātsēā*.

Roots ending in a Vowel.

nīmīg', be, become.Fut. *nītög'*, Neg. *nīg*.Imperat. *nī*, *nītīñ* &c., also *nīrā'* &c.Pres. and Impf. *nīo-dūg'* &c.Past *nīshid* and *nīg* (*nīn*, *nīñ*, *nī'*, *nīsh*, *nītē'* &c.).Partic. *nīnī*, *nīnēn*, *nītsea*.*bīmīg'*, go.like *nīmīg'* except the following.Imperat. 2nd sing. *bīh* or *bīōh* or *bīūh*.Past *bīog'* (and *bīshid*).Partic. retain *i* of root, except *bēnēn*, which has *-ē*.*zāmīg'*, eat.like *nīmīg'*, substituting *zā* for *nī* except the following *zāū-dūg'* &c. for *zāodūg'*.Past. 1st dual and plural inclusive *zāshē'* or *zād*.Partic. *zāenēn*, *zāzea*, otherwise the same.*phīmīg'*, take away.like *nīmīg'* except the following.Imperat. *phiū*, *phīñ* &c. (also *phīrā'*).Past. *phiog'* (and *phishid*).Partic. *phīphī* (accent on second), *phīenēn*.*shīmīg'*, die.like *phīmīg'*.*tāmīg'*, place.like *nīmīg'* except the following.Imperat. *tāo*, *tāñ* &c. (and *tārā'*).Past 1st dual and plural inclusive, *tāshē'* and *tātē'*.*cīmīg'*, wash (clothes &c.)like *nīmīg'* except the following.Imperat. *ciū*, *ciñ* &c. (and *cīrā'*).Past 1st dual and plural inclusive *cīshē'*.*īmīg'*, ask.like *cīmīg'* except the following.Past *iāg'*, (and *īshid*).*gyāmīg'*, wish.like *zāmīg'* except the following.Imperat. *gyau*, *gyāñ* &c. (and *gyārā'*).Past 1st dual and plural inclusive *gyāshē'* and *gyātē'*.*sōmzēāmīg'*, understand.loanword from Hindi (*sōmājhnā*).Fut. *sōmzēātög'*, Neg. *sōmzēag'*.

Imperat. *sömzē-d*, *-ñ* &c., and *sömzerā'* &c.

Pres. and Impf. *sömzēdūg'* &c.

Past *sömzēāg'*, *sömzēāshid*.

sömzāyamig', cause to understand.

- 5 loanword from Hindi (*sūmjhānā*).
like *sömzēāmig'*.

Verbs with roots ending in *-ci* and *-shi*.

Sometimes *c* denotes an object of the first or second person, me, us, thee, you, and *sh* denotes a reflexive object, oneself, one
10 another, but in a number of verbs whose roots end in *c* and *sh* I have not found any meaning such as that just indicated. The *i* in *-ci* and *-shi* seems to be merely euphonic.

hacimig', be, become.

Fut. *hacög'*, Neg. the same.

- 15 Imperat. *hac* &c., *hacrā'* &c., *hacdic* &c.

Pres. and Impf. *hacō-dūg'* &c.

Past *haceg'*, *hacishid*.

Partic. *hachac*, *hacēnēn*, *hacizea* &c.

tācimig', place me, us, thou, you (see *tāmig'*).

- 20 like *hacimig'* except.

Past *tacög'*.

sārshimig', raise oneself, rise (*sarmig'*, raise).

like *hacimig'* except

Imperat. *sārsh*, *sārshiñ* &c., *sārshrā'*, but I have not found *sārshdic*.

- 25 Partic. *sārshis*, in the state of having risen.

hushimig', learn.

like *hacimig'*, except that I have not found *hushdic* in the Imperat.

tōshimig', remain, sit.

Fut. *tōshög'*, Neg. the same.

- 30 Imperat. *tōsh* &c., *tōshrā'* &c.

Pres. and Impf. *tōshi-dūg'* &c.

Past *tōshög'*, *tōshishid*.

Partic. *tōshtōsh*, *tōshēnēn*, *tōshizea* &c.

The following are slightly irregular.

- 35 *būnnig'*, *bōmig'*, come.

Fut. *bōtög'*, *būtög'*, Neg. *bög'*.

Imperat. Sing. *jīr*, *jīrā'*, *jārā'*, polite *jīrañ*, *jārīñ*.

Dual. *jīrac*, *jāric*.

Plur. *jīrac*, *jāric*, *jēiñ*, *jīrañ*, *jārīñ*.

- 40 Pres. and Impf. *bōdau-dūg'* &c.

Past *bōg'*, *bōdag'*, *bōshid*.

Partic. *böbö*, *bödēnen*, *bötseā*, *böderin*.

Throughout this verb the sound of *bö* is between *bö* and *bü*, some pronounce it *bū*.

tümmig, drink.

Fut. *tütög*, Neg. *tüng*.

Imperat. *tün*, *tünin* &c., *tünrä* &c.

Pres. and Impf. *tüüdüg* &c.

Past *tüög*, *tüşhid*, and *tünög*, *tünshid*.

Partic. *tüntün*, *tünjēnen*, *tünzra*, *tünerön* &c.

kēmig, give.

Fut. *ketög*, Neg. *kēg*.

Imperat. *kēh*, *kēn* &c., and *kerä* &c.

Pres. and Impf. *kero-düg* &c.

Past *kerag*, *kēshid*.

Partic. *kēkē*, *kerēnen*, *kētsea* &c.

nēmig, know.

Fut. *nētög*, Neg. *neg* (in *mō neg*).

Imperat. *nōō*, *neñ* &c., and *nerä* &c.

Pres. and Impf. *nēōdüg* &c., sometimes *nēōdüg* &c.

Past *nēg*, *neshid*.

Partic. *nēnē*, *nēnen*, *nētsea* &c.

tōnmig, take out. pour out.

Fut. *tōatög*, Neg. *tög*.

Imperat. *tōd*, *tōn* &c., and *tōarä* &c.

Pres. & Impf. *tō-do-düg* &c.

Past. *tōäg*, *tōshid*.

I have heard *tōi*, for 2nd sing. Imperat., and *tonodüg* for Pres. Ind. but am doubtful of them.

Numerals.

Cardinal.

1 <i>id</i>	13 <i>sörüm</i>	
2 <i>nish</i>	14 <i>sapō</i>	
3 <i>shūmm</i> , <i>sūmm</i>	15 <i>soñā</i>	
4 <i>pō</i>	16 <i>sörüg</i>	
5 <i>nā</i>	17 <i>sōstish</i>	35
6 <i>tüg</i>	18 <i>sōrai</i>	
7 <i>tissh</i> , <i>stissh</i>	19 <i>sōzgūi</i>	
8 <i>rai</i>	20 <i>nizā</i> (accent on second).	
9 <i>zgūi</i> , <i>gūi</i>	21 <i>nizō id</i>	
10 <i>sai</i>	22 <i>nizō nish</i>	40
11 <i>sigid</i>	29 <i>nizō gūi</i>	
12 <i>sōnish</i>	30 <i>nizō sai</i>	

31	<i>nīzō sigi</i> or <i>sigid'</i>	300	<i>sūmrā</i>
40	<i>nish nīzā</i>	400	<i>pōra</i>
41	<i>nish nīzō id'</i>	500	<i>nārā</i>
50	<i>nish nīzō sai</i>	600	<i>ṭugrā</i>
5 60	<i>shūm nīzā</i>	700	<i>tishrā</i>
80	<i>pō nīzā</i> (not <i>pō</i>)	800	<i>rairā</i>
100	<i>rā</i>	900	<i>guirā</i>
101	<i>rāū id'</i>	1 000	<i>hāzār</i>
200	<i>nīrā</i> (accent on second)	100 000	<i>lakh</i> .

- 10 It will be noticed that enumeration proceeds regularly by twenties. When a number follows *nīzā*, twenty, the *ā* is changed to *ō*. The accent is always thrown forward to the last syllable thus *pōrā'*, four hundred, *pō nīzā'*, eighty, *pō nīzō nā'* eighty-five.

Ordinals.

- 15 Ordinals are formed by adding *-ō* to the cardinal; thus *nāō*, fifth, *pōō*, fourth. *nīzā* and *rai* give *nīzō* and *rēō*.
khāñōn, *adhōn*, half. *Sāwā nish*, $2\frac{1}{4}$; *sādhē pō*, $4\frac{1}{2}$.

The Prodigal Son, St. Luke 15.

- 1 i *miū nish chan due'*, *zigits chanēs anō bawū lodā'*,
 20 One man-of two sons were, small son-by own father-to said
babā an hīza (or *hissa*) *kēō*, *dōs anō būñthā rīnā'*; *gaṭō*
 Father my part give, by him own part gave, few
diārōc nyums zigits chanēs anō tsūē zōma lanā' wōrkīō
 days-from after small son-by own all together made far-in
 25 *bīō'*, *dōn wāmān kamōno anō māyā shūnā*: *dōs tsōē*
 went, there foolish work-in own property finished, by him all
khōrts lanī' do mūlkīō ānkālīn bibi mūli maits,
 spending made, that county-in famine having-gone, quite not-is,
ōllō pōpō. *Do hodō mūlkīō tōshidū* (or *tōshizeū*)
 30 straitened having-arrived. He that country-in dweller dweller
dūā' (or *dā'*) *bīō'*, *dōs ānō rīwānō sūrū rogīm shedā'*.
 near near went, by-him own fields-ins wine to-make-feed sent.
Dō sūrās rokshimī khōlōp ān zāmīg' gyau due' hāisī do
 He swine feeding husks self to eat wishing was, by-anyone that
 35 *ma rānā'*. *Tshērēp yat kadā' dog lododū'* — *an*
 not gave. little remembrance brought he saying-is my
bōwā doā' *tē mōzūrī dū' pētān pōn stōn rōte*
 father near how-many labourers are, stomach fill up-to loaves

zāo, gö jōn onōs shōy. Gö an bōwā dōn bitōg'
 eating, I here hungry died I own father there will-go
 dopōn lōtōg', bōwā Pārmēshūrās kīn pāp līnlīn gö kan
 him-to will say father God-of your sin having-done I thy
 chan hacī lāik maig', anu nūkrī tāciñ. 5
 son to-become worthy not-am, me servant make-me-please
 Sīrshīs (or sīrshās) anō bōwā dōn biō'. Do chan warkīō
 Having-arisen own father there went. That son far-in
 dūe' aṇo bōwās taṇa', kōtsūn tsālōdū', dūā (or dōrēreā')
 was own father-by saw, miserable thinking-is, having-run 10
 aṇo chanō kākts tsūma', papū rīmā'. Chanās ano bōnū
 own son-in neck held kiss gave Son-by own father-to
 lododū'. Bōwā Pārmēshūrās kīn pāp lanlan gö kan chān
 saying-is. Father God-of your sin having-done I thy son
 hacī lāik maig'. Bōnās nūkrēnū lododū': — tsūē 15
 to-become worthy not-am. Father-by servants-to saying-is all
 nu dām chūgā totōā (or tōtā') phōgiñ, gudō pratsī
 than good coat having-taken-out put-on (please) hand-of finger-in
 mundī shēñ, bañō shpōn shēñ yokshid ash
 ring send (please), foot-in shoe send (please) fattened calf 20
 kaka shūnmig', nīnā zātīn khūsī hacīñ (or nītiñ) thū
 having-brought to-kill we may-eat happy may-become, why
 ūñ chan shīshī toke', hē shōngī hacis, shō bi-
 my son having-died was, again alive having-become, lost having-
 bi toke' hē pōrēdā'. Dos khūsī lano dūe'. Dō 25
 gone was, again was-obtained. By him happiness making was. His
 tēg atē rīmō dūye', kimū nērūno bōderōn (bōdyēnīn)
 big brother field-in was house-of near on-coming
 bazgi bazētsū skad thaso dū'. I nūkrū
 musical-instrument sounding-of noise hearing is. One servant-to 30
 kuku dopōn iōdū thō hacc'. Nūkrūs lodo
 having-called him-to asking-is what became. Servant-by saying
 dū' kan dzigits atē bōdā' kan bōwās yokshid ashū' shubā':
 is thy little brother came thy father-by fattened calf killed:
 do tāi shūbo dū' aṇo chan tsaṇa (or dīm) pōrēreā', 35
 that for killing is, own son well good having-been-obtained;
 dō dūkhōn taitān kumo bīm maio dū' or ma gṇau dū',
 he angry looked house-in to-go not asking is not wishing is,
 dō bīm bāerūn bibi anu chanu sōmzāro dū'.
 his father outside having-gone own son-to making-understand is. 40

Dos lodo dū' gös tē bōshōn kan kāmāi lanlan.
 Him-by saying is me-by how-many years thy work having-done
 kas anū tērānū bōkhārū chan ma keke an lōñēā
 thee-by me-to ever she-goat's son not having-given my friends
 5 rōn khūsī lantōg', kan chan tērañ bōdā' hāis
 with happiness I-shall-make, thy son ever (i. e. when) came whom-by
 kan mālā pātārīnu ūdā'ēā' kas do tanis yōkshid
 thy property harlots-to caused-to-fly, thee-by him for fatted
 ash shubshub. Bōnōs lodo dū' chan ka tā bīrābār
 10 calf having-killed. Father-by saying is son thou then always
 an rōn ēkē ton, thōdean an dōā' to' do kano. Khūsī
 me with together art, whatever me near is that thine. Happiness
 lanmig', khūsī hacimig' dām toke' thū kan bāū shīshī
 to-make happy to-become good was, why thy brother having-died
 15 toke' hē shōngī hacis shō bībī toke', he
 was, again alive having-become, lost having-gone was, again
 pōredā'.
 was-obtained.

Sentences.

- 20 1. *Kan nāman thō dūn* or *dūi*? Thy name what is?
2. *Nū ra' tē bōshan*? That horse how-many years?
3. *Jōnc Kāshmir' tē wārlich nītō'*? Here-from Kashmir-to how far will-be?
4. *Kan bāwau kīmau tē chāna dū'*? Thy father's house in how-
 25 many sons are?
5. *Gō torō dōrc yōnyōn bōg'*. I today far-from having-walked came.
6. *An dzits bāwau chan nu miu rins rāñkān laṇa'*. My little father's (uncle's) son that man's sister with marriage made.
7. *Kīmo thō rañu zhgā' to'*. In the house white horse's saddle is.
- 30 8. *Nu rañu zhgā ran*. That horse to saddle give (saddle that horse).
9. *Gōs nu chan gōb toṇag'*. I (by me) that boy much beat.
10. *Thōlū dēn zē laṇa rōgo dū'*. Hill upon goats, cows he causing-to-feed is.
11. *Bōtanu yūthōn rañā den tōshis dū'*. Tree under horse on
 35 seated he is.
12. *Do bāūts anō rins kā tēg dū'*. That little-brother own sister than big is.

13. *Do mōlon nish rūpēa pō pauli dū'.* Its price two rupees, four two-annas is.
14. *Au bowa zigits kīmō tōshid.* My father little house-in has sat (lives).
15. *Nu rūpēa do mā pōn rōndā' (or rōnrā').* That rupee that 5 man to give.
16. *Do rūpēa do dōk'its unlā' (or unrā').* That rupee him from take.
17. *Do pōn tōntōn bōshōs tsūrā'.* Him-to having-beaten rope-with bind. 10
18. *Khūōc tī tō'.* Well-from water extract.
19. *An oms pā'.* Me before walk.
20. *Hātū chau kan nyums budo dū'?* Whose son thee behind coming is?
21. *Ka' hātū dōk'its unā'?* Thou whom from took? 15
22. *Dēshōnu i bāñā dōk'its unay'.* Town-of one shopkeeper from took—I.

THE DEVELOPMENT OF ENGLISH *t, d*, IN NORTH INDIAN LANGUAGES

IT is often said that Portuguese dental *t, d*, remain dental in India and that English alveolar *t, d*, become cerebral. It would follow that words like *kaptān* and *botal* and *haspatāl*, usually stated to be from English, must be Portuguese. The question cannot be disposed of so simply; there seem to have been cross influences at work, and sometimes there are different forms of the same word. See S. R. Dalgado's works *passim* for valuable suggestions.

The following lines have in view the area over which Urdū, Panjābī, and Hindī (= UPH.) are spoken, though the facts adduced have a wider application. As this is a matter of pronunciation it is necessary to confine oneself to spoken words and *ignore book words* except where others are not available. Printed forms are often deliberately altered on *à priori* grounds.

We may say without hesitation that a very large majority of English *t*'s and *d*'s do become cerebral when introduced into Indian words. The question is whether any become dental; if so, why? It should be remembered that mere haphazard explanations are of little value. Explanations must follow some definite principle. Thus the facile guess that the ending of P. *ḍāgdār*, doctor, is taken by analogy from the common Persian ending *-dār* is valueless unless we show why "inspector", "director", "master", give us *inspittar* *darèkṭar*, *māstar*, and why "canister" yields *kanastar*.

1. Words which probably have a Portuguese origin, though generally said to be English.

	Portuguese.	English.
<i>baptisma</i>	baptismo	baptism
<i>butām</i> (book form)	botão	button
(With this contrast the commoner <i>baṭan</i> , Eng. button.)		
<i>gārad</i>	guarda	guard
P. 'aspatāl,	hospital	hospital
UH. <i>haspatāl</i>		
<i>kaptān</i>	capitão	captain
<i>kārtūs</i>	cartucho	cartridge
<i>mastaul</i>	mastro, masto	mast
<i>pistaul</i>	pistola	pistol

	Portuguese.	English.
<i>salād</i>	salada	salad
<i>sikattar</i>	secretario	secretary
<i>tamākū</i>	tabaco	tabacco
<i>taulīā</i>	toalha	towel

botal (P. botelha, E. bottle) and *patlūn* (P. pantalona, E. pantaloons) may be Portuguese, but it is at least possible that the words were used in N. India before they existed in Portugal.

2. Words which seem to be certainly English, but have a dental *t, d*, corresponding to the English alveolars. When there is a Portuguese word in any way resembling UPH. I have added it.

<i>Landan</i>	London	Port. Londres
U. <i>Dalhauzī</i> , P. <i>Dl'aujjī</i>	Dalhousie, the hill station.	

P. <i>ardaḷī</i> , UH. <i>ardatī</i>	orderly	
P. <i>ḍāgdār</i> , <i>ḍākdār</i>	doctor	Port. doutor

ḍāktār is the commonest spoken form in UH.

Bookforms : *ḍāktār* in Lallū Jī ; *ḍākdār* modern.

PU. *drāz*, fem. sing., pair of drawers, drawer in cupboard ; plur. *drāzzā*, *drāzē*, pairs of drawers, drawers in cupboard.

<i>kellī</i>	kettle	Port. caldeira
<i>kanastar</i>	canister	
<i>tos</i>	piece of toast	
<i>trel</i>	tray	
<i>santrī</i>	sentry	Port. sentinella

The following should probably be added, but they are not so certain :—

<i>darjan</i>	dozen	Port. duzia
<i>hāthīcok</i> (? <i>hāthī</i> , elephant ; but why ?)	artichoke	alcachofra
<i>turap</i>	trump card	trunfo
<i>tārpīn</i>	turpentine	terebintina. terebinthia

Bookforms : *turmantīn*, *tarmantū*, turpentine, suggest Portuguese termentina. Proper names are *Istarling* for Stirling in Gālib, and *Gilkrist* for Gilchrist in Lallū Jī's preface. See further below.

The names of the months look more English than Portuguese, and we are perhaps right in including four of them among the words which have changed alveolar *t, d*, to dental. It must not be forgotten that *j* in UPH. represents a sound practically identical with English *j*, but very different from Portuguese *j*.

<i>janvarī</i>	January	Janeiro
<i>farvarī</i>	February	Fevereiro
<i>mārac</i>	March	Março
<i>aprail</i>	April	Abril
<i>maī</i>	May	Maio
<i>jūn</i>	June	Junho
<i>julāī, jaulāī</i>	July	Julho
<i>agast</i>	August	Agosto
<i>sitambar</i>	September	Setembro
<i>aktūbar</i>	October	Outubro
<i>navambar</i>	November	Novembro
<i>dasambar</i>	December	Dezembro

Those which call for attention are *agast*, *sitambar*, *aktūbar*, *dasambar*.

3. Words in which a Portuguese dental *may* have become cerebral: some of these are much disputed and all are doubtful.

Port. *balde*, pail, bucket ; *bālṭī*.

falto, deficient ; PU. *fālṭū*, superfluous ; PH. *phālṭū* ;

Laihindī, *phālṭū*, a *kuṭī* who waits at cross roads for odd jobs ; Nep. *phālṭū*, *phālṭū*.

foguete, rocket > *paṭākā*, squib, etc. ? Skr. *paṭ* + *ka*.

tope, top of mast, etc. > *ṭopī*, cap, hat.

varanda, balcony > UPH. *barāṇḍā* ; HU. *baraṇḍā* (book form).

I take it that *barāmada* is a pseudo-Persian formation manufactured in India and as unknown in Persia as *nom-de-plume* and *double-entendre* are in France. This is a greatly discussed word.

termentina, turpentine : bookform *tarmanṭū*.

The UPH. words *paṭān*, regiment, and *biskut*, biscuit, *jākat*, jacket, are just as likely to be derived from English battalion, biscuit, and jacket as from Portuguese *batalhão*, *biscoito*, and *jaqueto*.

4. I have noted one or two points which go to show that 100 years ago Indians seemed readier to equate Indian dentals with English alveolars than they are now. It would be interesting if further proofs were forthcoming. Asad Ullāh Gālib, about 1830 (see *Urdū e Mu'allā*, ed. of 1921, p. 111), writes *Istarling* for Stirling, and twice *sikartar* for Secretary ; Muḥammad Yaḥyā Tanhā, quoting this very passage in *Sair ul Muṣannifin*, 1924, changes the words to *Istarling* and *sikartar* ; yet *sikattar* is in general use conversationally to this day. Lallū Lāl in 1803-9 writes *gilkrīst* for Gilchrist, whereas the usual

form to-day is *gilkrāist* (so Tanhā, op. cit.). In the same passage Lallū himself freely uses cerebrals to represent English alveolars.

The tip of the tongue when pronouncing an alveolar is between the dental and the cerebral position, almost midway. Taking the hard palate as $1\frac{1}{2}$ inches from front to back we may put cerebral *t*, *d* half an inch from the back edge of the teeth ridge. The centre or lower half of the front teeth (the dental position) is perhaps a quarter to three-eighths of an inch from the front edge of the teeth ridge. But the modern Indian hearing alveolar *t* and *d*, considers them cerebrals. This is not merely a literary device, it is the rule in village talk. Thus we have:—

P. *raṭbī* < *rabṭī* < *rapṭī* < *rapoṭ* + *ī* < report + *ī*; a man who brings in reports of occurrences.

P. *baṭemī* < *beṭemī* < *be* — *ṭem* + *ī* < *be* — time + *ī*. *baṭemī* means lateness, etc.

Inshā Allāh's very clever lines illustrate both tendencies:—

ہے اس آفت کا سبک سیر کہ راکب اسکا
حاضری کچلے جو کلکتہ تو لندن میں ٹپن

(He is so fleet footed that if his rider breakfasts in Calcutta he may lunch in London.) I am presuming that *ṭipan* reached U. and P. from England.

I have not touched upon English *th* in “think” or “then”. The former is almost always *th* (sometimes *t* when final), as *us ke thrū* < *us ke through*, by means of him: *samīṭ sāhab* (*ṣāḥib*) = Mr. Smith. Against this note *ṭhadd kalās* for “third class”. The latter *th* > *d*: *fādar* < “father,” Roman Catholic priest: but *pādrī* < Portuguese “padre,” any clergyman.

5. CONCLUSION.—It appears to be clear that some UPH. words derived directly from English without possibility of Portuguese influence, have changed alveolar *t*, *d*, to dental *t*, *d*. Is any explanation possible?

(i) One explanation may be stated to be rejected. It is that the presence of *r* near *t* or *d* affects its pronunciation. Very many native English speakers cerebralize *t*, *d*, *l*, *n*, when *r* immediately precedes, and not a few make *t*, *d*, dental when *r* immediately follows, but there is no reason to think that modern *r* has any such effect in North India. We may satisfy ourselves about this if we listen to Indian schoolboys reading English.

(ii) Some words taken from English have been altered under Portuguese influence, and vice versa.

(iii) When Portuguese must be excluded we are left to random, guesses for individual words, unless we suppose that eighty or a hundred years ago English alveolar *t* and *d* were nearer to dental *t* and *d* than they are now. If this were established it would be all the harder to explain why Lallū used cerebral letters in the transcription of Gilbert, Lord, Minto, Taylor, doctor (*dāktūr*), Lieutenant (*liptan*), Hunter, and Lockett.

(iv) About any Portuguese *t* and *d*, which may have become cerebral, I say nothing, partly because they are not the real subject of this note, and partly because the very few words which suggest this phenomenon are of dubious origin.

ENGLISH WORDS IN PANJĀBĪ

THE details of philological processes are generally lost in the mists of obscurity, and most recognized linguistic development is difficult to follow because it took place hundreds or thousands of years ago. We must often have wished for the chance of hearing one sound change into another, and the wish is usually vain. But in the case of English words in India it is frequently possible to see them entering the country and watch the changes taking place. We can learn valuable lessons from the detailed study of one Indian language. I have therefore taken Panjābī and given a list of nearly 400 English words which have been incorporated into it. This first article contains the words with their Panjābī equivalents in two dialects. In the second I hope to analyse the words and draw conclusions.

English words in India may be divided into three classes. First there are words which have been wholly assimilated and are known to every villager. At the other extreme we have a large number, an indefinite number, of words used only by educated Indians in conversation or books. They are recognized as foreign words and those who use them try to pronounce them as in English. No object would be served by making a list of them. A man once said to me with much bitterness: "*merā fādarinlā merī vāif nū barā bādli tarit kardā e* (my father-in-law treats my wife very badly)"; or we may hear *mā barā lonlī fūl karnā eā* (I feel very lonely). Such Panjābī does not help us.

But there is a third class, viz. technical terms used only in connexion with certain professions or pursuits or amusements. We have military, legal, and scholastic words, or it may be words relating to canals, railways, or games. These words are, it is true, employed by illiterate people, but their sphere is limited. They are difficult to deal with, for one does not know exactly how many of them to include. To take one example, most English military terms are found in the *sipāhī's* vocabulary, but only a few are fully naturalized. I have had to exercise my judgment in the matter.

A word as to the preparation of this list. I first wrote out the words as they are heard in Northern Panjābī, and sent them to Dr. Banārsī Dās Jān, who belongs to Ludihānā and speaks the southern dialect. He very kindly sent me a further list including about sixty words

which I had not thought of, and gave his own pronunciation of my words. I in turn added the Northern pronunciation of his new words. Frequently there is no difference between us. To give his forms and mine separately would involve a lot of needless repetition. It is sufficient to indicate the general line of divergence. It is entirely characteristic of the two dialects.

Where the Northern has The Southern tends towards

kh, g

kh, g

f, v (faint dento-labials)

ph, b

ś

s or *ch*

l

l

n

n

Dr. Banārsī Dās has no *kh* or *g*, and uses *l* only when it is assimilated to a following *t* or *d*; his *n*, too, is rarer than mine. The ordinary system of transliteration has been followed except that sounds usually written *au* and *ai* are represented by *aw* and *æ*. This is to prevent the common English distortion of them into the "ow" of "howl" and "y" of "style". Dr. Banārsī Dās's *æ* is [ʌə], mine is pure monophthongic [æ].

About a dozen words are taken from a Bengali list prepared by Mr. Sutton Page.

LIST OF ENGLISH WORDS IN PANJABI

act (legal), *əkəṭ, ikaṭ*.

agency, *aja'nsī*.

agent, *ajant'*.

Africa, *afri'kā, phari'kā*.

America, *amri'kā*.

American, *mārkin* (a cloth).

allowance, *alawns, laws*.

appeal (legal), *apīl*.

April, *aprəl'*.

artichoke, *hāthīcok*.

assistant, *aṣṭant', aṣṭant'*.

August, *agast'* (dental *t*).

B.A., *bi'yye*.

ball (for play), *bāl*.

bamboo cart, *ba'mbū kāṭ* (bamboo alone is not used).

? banyan (a vest), *baṇæn', baneān'*.

bank (money), *baṅk* (? Port.).

baptize; *bæptāiz* 'onā, be baptized.

barracks, *bārak, bārag*.

barrack-master, do. *-māṣṭar*, *-māṣṭar*; his place of work, do. *-māṣṭrī, -māṣṭrī*. A b.-m. is a transport agent.

barrister, *bālīṣṭar, balistar*; his work, *bālī'ṣṭarī, balī'ṣṭarī*.

bat (for play), *bæṭ*.

bearer, *bæ'rā*.

bearing, *baraṅg'* (letter without stamp, person without ticket).

beef, *bīf*.

belt, *bīṭ*.

bench, *banc, binc, brinc*.

- Bible, *bæbal*, *bāibal*.
 bicycle, *bāiskal'*, *bā'isikal'*.
 ? billet, *biłtī* (way-bill, etc.).
 bioscope, *bāiskop*.
 biscuit, *biskut*.
 blotting, *blāṭiñ*, blotting-paper.
 board, *boḍ*.
 boarding, *boḍiñ*, *boḍaṇ* (hostel).
 boat, see gunboat.
 boil, *bæl*; 'āḍbæl, hard boil;
 'āfbæl, half boil, i.e. boil soft.
 bomb, *bamb* (? Port.); see "bum-
 ball".
 boot, *būṭ*.
 bottle, *botal*.
 box, *bakas*, *baks*.
 bowl, *boli-galās* (bowl-glass. i.e.
 finger-bowl).
 braces, *bresaz*; see "gallowses."
 brake, *birk*, *brek* (guard's van,
 etc.)
 branch, *brānc*.
 brandy, *brāṇḍī*.
 breast, see "double".
 breeches, *birjas*.
 brush, *burs*, *burs*, *burch*.
 buggy, *ba'ggī*.
 bugle, *bigal*.
 bulldog, *bulḍiḡ*.
 bull-terrier, *būṭī*, *būṭī-kuttā*.
 bum-ball, bump-ball (in cricket),
bamb; see "bomb".
 button, *baṭan*.
 cake, *kek*.
 calendar, *kala'ṇdar*.
 camp, *kampū*, *kamp* (? Port.).
 canister, *knastar*, *kana'star* (? Port.
canastra, basket).
 car, see "motor".
 card, *kāt* (postcard).
 castor-oil, *kaṣṭaræ'l*, *kaṣṭræ'l*.
 catch, *kæc*.
 catching house, *kāñjī hawḍ* (pound
 for stray cattle).
 cement, *sī'miṭṭ*, *sī'miṇṭ*, *sir'maṭ*.
 centre, *seṇṭar awṭ* (run out,
 stumped).
 certificate, *sāṭī' pṭak*. *sā'tiṭhi'tak*.
 chain, *cæn*.
 chalk, *cāk*.
 chance, *cāns*, *cānas*; o'nū *cāns*
mīlēā. he gave a chance
 (cricket).
 cheque, *cikk*, *cik*.
 chief court, *cīpkot*.
 chimney, *cimṇī*, *cimnī*.
 chocolate, *cakle't*, *cākolet*.
 chop, *cāp*; see "potato".
 Christian, *kristān*, *kristān* (? Port.).
 cigarette, *sigrat*.
 civil surgeon, *sival sarjan*.
 class, *klās*, *kalās*.
 clerk, *klārḱ*, *kalārak*, *klark*.
 cloth, *kalāth*, *kilāth*.
 club, *kalaf*; *kalaf k'ar*, club house.
 coach, *koc*; coachman, *kocvān*.
 coat, *koṭ*.
 cocoa, *koko*.
 coffee, *kāfi*.
 collar, *kālar*.
 college, *kālaḡ*.
 colonel, *karnæ'l*.
 commander; *kamāniar afsar*
 (C.O.)
 commission, *kamīṣan*, *kamīṣan*.
 commissioner, *kamiṣnar*,
kamiṣnar.
 committee, *kame'ṭī*, *kame'ṭṭī*.
 company, *kawmpanī*, *kampanī*.

compounder (medical), *kampo'dar*,
kampo'tar.
 conference, *kūnphræs*.
 congress, *kāngras*.
 constable, *kā'nstēbal*, *kanstē'bal*.
 copy, *kāppī*, *kāpī* (note-book,
 copy-book).
 cork, *kāk*, *kāg*.
 cornflour, *kārnfawr*.
 couch, *kawc*.
 council, *kāwsal*.
 court, *korat* (court of ward),
 c. fees, *koṭ fīs*, *koṭ phīs*; see
 "chief".
 cream, *kirm*.
 cricket, *kirkat*.
 croquette (for eating), *kurkat*.
 cuff, *kaff*, *kaph*.
 cut piece (tailoring), *kaṭ pī's*.
 cutlet, *katlas*.
 dead-house (mortuary), *dēd 'aw's*.
 December, *dsa'mbar*, *dasa'mbar*
 (dental *d*).
 decree, *di'grī*.
 deputy, *dipṭī*; d. commissioner.
dipṭī kamišnar.
 diamond cut, *dāmal kaṭ*.
 diary, *dārī*.
 dictionary, *diksnrī*.
 director, *darektar*, *daræktar*.
 dish, *dīs*.
 dispensary, *dispēnsrī*.
 distant signal, *dīsī saṅgaḷ*.
 doctor, *dāgdūr*, *dāgdar*, *dākdar*,
dāktar; abstract noun, *dāgdārī*,
dāgdarī, *dākdarī*, *dāktarī*.
 double, *dabal* (strong. excellent);
dabal roṭī. English bread; *dabal*
bres. double breast.

dollar, *dāllā*.
 down, see "signal".
 dozen, *darjan*.
 drawer, *drāz*, *drāj*.
 drawers, pair of, *drāz*, *drāj*.
 dress, *dares*, *dres* (*d* and *d*).
 dresser, *daresar*.
 dressing, *dressī* (levelled ground
 etc.: dental *d*).
 drill, cloth, *daril*.
 drill, military, *daril*, *dalel* (dental
d in latter).
 driver, engine-, *daraivar*.
 engine, *iñan*, *anjan*.
 engineer, *anjī'nyar*, *anjnī'r*,
a'njnīr, *anjnī'ar*, *a'njnīar*.
 entrance (exam.), *ēntræns*, *antræs*.
 European, *yūrpīn*, *zūrbīn*.
 F.A., *ēffe*, *æffe*, *æpphe*.
 fail, *fel*, *fe'l*, *phel*, *phe'l*.
 father (priest), *fādar*.
 fashion, *fāsan*, *phāsan*.
 February, *farvarī*, *pharbarī*.
 fees, *fīs*, *phīs*.
 fire, verb, *fær*, *fæl*.
 fireman, *færmæn*, *fāirmæn*.
 first class, *fastklās*, *phastklūs*,
phaṣṭklās.
 flannel, *falālæn*, *phalālæn*.
 foot (measure), *fitt*, *futt*, *phutt*;
 foot-rule, *dufuttā*.
 football, *futbāl*, *phutbāl*.
 ? forme (printing), *farmā*, *pharmā*
 (? Port.).
 France, *frāns*, *phrās*. *frānsīsī*;
 French, *phrāsīsī*.
 French beans, *frāsbīn*.
 frock, *frāk*. *phrāk*.
 fry, *fraī*.

fryingpan, *fraīpān*.

furlong, *farlā'g*, *pharlān*.

gaiters, *geṭas*, *gæṭas*.

"gallowses" (braces), *gālas*,
gælas.

gaol, *jel*.

gas, *gæs*.

general (military), *jārnæl'*.

general, adj., *janral*.

gentleman, *jæ'ntalmæn*,
jæntarmæn.

German, *jarman*.

Germany, *jarmanī*.

gilt, *giḷt*, *gi'tt*.

ingham, *gegām*.

girder, *gāḍar*.

glass, *galās*, *gilās* (usually of
metal); see "bowl".

grace (for bills), *glās*, *gilās*.

gravy, *grebbī*.

gross (12 dozen), *guras*.

guard, railway, *gāḍ*.

guard, military, police, *gārad*
(prob. Portuguese).

gunboat, *aganboṭ*.

half, see "boil", "plate".

hall, *'āl*.

halt, *'āḷt*.

head (of canal), *'ēḍ*, *'æḍ*.

headmaster, *'ēḍ-* or *'æḍ-māṣṭar*
or *māṣṭar*.

headquarters, *'ēḍkuāṭar*.

high, *'āī*.

high school, *'āī skūl*.

high court, *'āī koṭ*.

hit, *'itt* (noun).

hockey, *'ākkī*, *'ākī*.

holder, *'awḷḍar* (pen).

hot case, *'āt'kes*, *'āsket*.

hotel, *'oṭal* (hotel, restaurant).

house, see "catching", "dead"

hurricane, *'arikæn* (lantern).

inch, *æncī*, *incī*, *inc*.

inspector, *insp-ittar*, *-ēkṭar*, *-ikṭar*.

intermediate, *inṭar*, *inṭarminṭam*.

Ireland, *ærland*.

Italy, *iḷlī*.

jacket, *jākat*.

jam, *jām*.

jam-puff, *jāmpap*.

January, *janvarī*, *janbarī*.

jerk, *yark*.

judge, *jajj*.

July, *julā'ī*, *julā'*, *jawḷā'ī*, *jawḷā'*.

June, *jūn*.

kettle, *ketḷī*.

lamp, *lamp* (? Port. *lampada*).

landau, *læṇḍo*.

lantern, *lālṭæn*.

late, *leṭ*.

lecturer, *lēkcarār*.

lemonade, *lamne't*, *lamle't*.

licence, *lasa'ns*.

lieutenant, *laftæ'n*, *lafta'nṭ*.

line, *læṇ*, *læn*.

local, *nokal*, *lokal*.

lord, *lāt*.

lower, *loar*.

M.A., *emme*, *æmme*.

ma'am, *mem*.

macaroni, *makrūnī*.

machine, *maṣīn*, *masīn*.

magistrate, *maj'isṭret*.

Malta, *mālṭā* (orange).

manager, *mænjār*, *manē'jār*.

March, *mārac*, *mārc*.

mark, *mārkā*, *mārk* (trade mark ;
? Port.).

market, *mārkūt*.

marmalade, *māmlet*.

master, *māštar*, *māštar*; see "head".

matches, *mācis*.

mate, *met* (head workman).

May, *maī*.

meeting, *mūtīn*, *mūtan*.

member, *mimbar* ; *mimbri*, mem-
bership.

mess, *miskot* (officers' mess). The
Zenana Mission House in
Dalhousie is called *miskot* be-
cause it was once an officers'
mess.

middle, *miḍal*.

mile, *mīl*, *mæl* (? Port. *milhā*).

mill, *mill*, *mīl*.

mince, *mins*.

minute (60 seconds), *minṭ*, *minat*.

miss (lady), *miss*.

mission, *mišan*.

missionary, *mišnari*.

money order, *manīādar*.

monitor, *manī'tar*, *mnītar*.

motor, *moṭar*.

motor-car, *motokāt*, *moṭarkāt*.

municipal, *myūnispal*.

municipality, *myūnispālī*.

necktie, *naktā'ī*.

note (bank), *not*, *loṭ*.

novel (story), *nāval*.

November, *navambar*.

number, *nambar*, *lambar*, *nambar*,
lambar ; *lambarḍār* (etc.), village
headman.

nurse, *næs*.

October, *aktūbar* (dental *t*).

officer, *afsar*.

omlet, *māmlet* ; see "marmalade".

operation (surgical), *apre'san*,
apresan.

order, *ādar* ; see "money".

orderly (military), *ardatī*, *ardatī*.

out, *awṭ* (cricket) ; see "centre".

overcoat, *uvarkoṭ*.

papa, *pā'pā*.

parade (ground, or manœuvres),
pare't.

parcel, *pārsal*.

party, *pātī*, *pārī*, *pālī* (team).

pass, *pās*.

passenger, *psanjar*, *pasa'njar*
(passenger train).

pencil, *pīsan*, *pīsan*.

pension, *pīsan*, *pīsan*, *pīsan*.

peppermint, *pippalmīṭ*.

phaeton, *fitan*, *phītan*.

phenyle, *fanæl*, *phanæl*, *pharnæl*.

photo, *foto*, *photo*.

pin, *pīn*.

pipe, *pæp*.

plague, *pale'g*, *pleg*.

plait, *pale't*, *plet*.

plaster, *plastar* (dental *t*).

plate, *pale't*, *plet* ; 'āf *plet* (half-
plate), cheese plate.

plate-layer, *pletī'ar*.

platform, *pletfārm*, *pletphārm*.

platoon ? *pālīan*.

poach (eggs), *poc* ; poached eggs,
aṇḍā poc.

police, *puls*, *pulas*.

polish, *pālaš*.

polo, *pollo*, *po'lo*.

porter, *poṭar*.

- postcard, *poskāt*.
 postmaster, *posmāstar*, *posmāštar*.
 pot, *pāt*.
 potato-chop, *pate'tar cāp*.
 poultice, *puṭṭas*.
 pound (money), *pāwd*.
 powder, *podar*.
 president, *prezīdant*, *prejīdant*,
 parīzand.
 press (printing), *pres*.
 primary (school), *præmrī*.
 pudding, *phuṭī'n*, *puṭī'n*.
 pump, *papp*, *pamp*.
 putty, *phuṭī'n*, *puṭī'n*, *paṭī'n*.
 Quaker Oats, *kuekar ot*.
 quarantine, *kurāṭīn*.
 quarter, *kuāṭar* (for quarter plate,
 i.e. tea plate); see "head-
 quarters".
 quinine, *kuncæ'n*, *kuṛæ'n*.
 quorum, *koram*.
 rail, *rel*.
 ration, *rāsn*.
 ream, *rīm*, *rīm*.
 recruit, *raṅgrūt*.
 register, *raji'star*; registered,
 raji'strī, *rajistrī*; registrar,
 raji'strār.
 report, *ra'paṭ*, *ra'bat*, *rapo't*; *rabṭī*,
 rapṭī, *raṭbī*, reporter (village).
 resident, *rezīdant*.
 rifle, *rafal*.
 round (police), *rāwd* (dental *d*).
 rubber, *rabar*, *rabat*.
 ruler, *rūl*, *lūl* (pencil or ruler).
 rum, *ram*.
 run through, *ran thrū*.
 sauce, *sās*.
 sauce-boat, *sāsboṭ*.
 school, *skūl*; *skūllī*, adj.
 Scotch, *sakāc*, *skāc*.
 Scotland, *sakāṭland*, *skāṭland*.
 second (time), *skīnt*, *sakī'nt*.
 second (class in train), *sēkan*,
 sækan.
 second (course in meal), *sīkan*.
 secretary, *skattar*, *saka'ttar*
 (dental *t*).
 semolina, *samlī'nā*.
 sentry, *santrī* (dental *t*).
 September, *stambar*, *satambar*
 (dental *t*).
 sergeant, *sārjan*, *sārjant*.
 servant, *sarvanṭī* (servants'
 carriage).
 session(s), *śīsan*, *sisan*.
 signal, *saṅgaṭ*, *suṅgal*, *siṅgal*.
 signal, down, do. *dāwn*.
 slate, *sale't*, *slet*.
 sleeper (railway), *slīpar*, *slīpaṭ*.
 slipper, *si'lpāṭ*, *slīpaṭ*.
 soda, *sodḍā*, *so'dḍā*.
 speech, *sapī'c*, *spīc*.
 spell, *spēll* (for noun "spelling").
 stamp, *aśtām*, *astām*.
 station, *saṭe'san*, *śeśan*, *ṭeśan*,
 ṭeśan, *aśte'tan*.
 stew, *iśtū*.
 stool, *tūl*.
 study, *śaḍī*.
 stuffing (in duck, etc.), *saṭā'piñ*,
 stāpiñ.
 sub-, *sab*.
 superintendent, *sūprintēdant*,
 suparḍa'nt.
 tapioca, *tāpiū*.
 tar-coal, *tārkoḷ*.
 tax, *tīkas*, *tigaṭ*.

- team, *ṭīm*.
 tennis, *tænis*.
 thermometer, *tharmāmṭar*,
tha'rmāme'tar.
 third class, *ṭhaḍḍ kalās*, *thaṛḍ klās*
(ṛ is a fricative cerebral).
 through, *thrū*.
 ticket, *ṭikaṭ*, *ṭikas*, *ṭigaṭ*; *baṭikṭā*,
 without a ticket.
 tiffin, *ṭipan*.
 time, *tem*, *tæm*; *baṭemī*, lateness
 for (*be-tem-ī*).
 timepiece, *tæmfīs*, *tæmpīs*.
 time-table, *tæmṭebal*.
 tin, *ṭin*.
 toast, *tos* (dental *t*).
 tomato, *ṭamāṭar*.
 tray, *trel* (dental *t*).
 train, *ṭaren*, *ṭren*, *ṭræn*.
 treacle, *ṭrīkal*, *ṭarīkal*.
 trump (in cards), *tu'rap* (dental *t*).
 trumpet, *tu'ram* (dental *t*).
 trunk (steel), *ṭaraṅk*, *ṭraṅk*.
 tub, *ṭap*.
 ? tumtum, *ṭamtam* (pony trap).
 tumble, *rambaṭambal* (scrambled
 eggs).
 tunnel, *ṭaṇḍal*.
 turpentine, *tārpīn* (dental *t*).
 twill, *ṭūl*, *ṭull*.
 upper, *apar*.
 vermicelli, *varm selī*.
 via, *vīā*, *vāyā*.
 V.P., *vīpī* (value payable).
 waistcoat, *vāskaṭ*, *baskaṭ*.
 warrant, *vara'ṇṭ*, *bara'ṇṭ*.
 whiskey, *viskī*, *biskī*, *huškī*.

ADDITIONAL WORDS

- custard, *kastar*.
 gap, *gæb*.
 recess, *rasæ's*.
 shed, *shidd*.

ENGLISH WORDS IN PANJABI

CONCLUSION

NOTE.—Northern or Western Panjabi is the dialect spoken to the north and west of Amritsar. It is distinct from Lāhndī, which used to be called Western Panjabi. Southern or Eastern Panjabi is spoken south and east of Amritsar.

† is prefixed to a word to show that it has another form which does not illustrate the rule under consideration.

A GLANCE at the following pages will show apparent confusion in methods of word-formation. We must remember, however, the different influences which have been brought to bear.

(i) Some, especially older words, are fully naturalized ; others, probably more recent, are only making their way.

(ii) Some have been taken from newspapers and handed on to illiterate speakers : they remain subject to the influence of those who try to preserve what they believe to be English pronunciation. This accounts for much diversity of treatment.

(iii) *istū*, stew, and *aštām*, stamp, show us that some have come through the U.P. to which many servants in the Panjab belong and in which English institutions were established earlier than further north and west.

(iv) Tax and ticket which both become *ṭigaṭ* and *ṭikas*, remind us that borrowed words are often altered to make them resemble other Panjabi words whether former loan words or not.

Pj. *æ*, when it represents Eng. [e] or [ɛ], is shorter than when it has any other origin. Thus *æ* in *haḍḍ*, head, is shorter than *æ* in *gæb*, gap. *karnæ*, colonel, or *lālṭær*, lantern ; so in *jæṭlarmæn*, gentleman, the first *æ* is shorter than the second. An exception to the general rule is *laftæn* (*æ* long), lieutenant. Other interesting words in this connexion are *ʼarikæn*, hurricane ; *ʼacīsæn*, Hutchison ; *pālīsæn* (also *paṭæsn*), Paterson : these have the longer *æ*. *ʼacisan* and *pālisan* are also heard.

STRESS

The stress is generally on the same syllable as in English, but in the following words a change has been made. The stress mark is placed *after* the stressed vowel.

agency, <i>aja'nsĩ</i> .	general, <i>jarnæ'l</i> .
agent, <i>aja'nt</i> .	
Africa, <i>afri'kā</i> , <i>pharĩ'kā</i> .	hotel, <i>'o'tal</i> .
America, <i>amrĩ'kā</i> .	
April, <i>apræ'l</i> .	lecturer, <i>lĕkcarā'r</i> .
assistant, <i>ašta'nt</i> .	licence, <i>lasa'ns</i> .
August, <i>aga'st</i> .	
	M.A., <i>ĕ'mmĕ</i> .
B.A., <i>bĩ'yye</i> .	manager, † <i>mane'jar</i> .
banyan (vest), <i>baṇæ'n</i> , <i>banyā'n</i> .	monitor, <i>manĩ'tar</i> , <i>mnĩtar</i> .
barrister, <i>bali'star</i> .	
bearing, <i>bara'ng</i> .	necktie, <i>naktĩ'i</i> .
bulldog, <i>bulḍā'g</i> .	
	papa, <i>pā'pā</i> .
calendar, <i>kala'ndar</i> .	passenger, <i>psa'njar</i> , <i>pasa'njar</i> .
canister, <i>kna'star</i> , <i>kana'star</i> .	platoon, <i>pa'llan</i> .
cement, <i>sĩ'miḷṭ</i> , <i>sĩ'miṇṭ</i> , <i>si'rmaṭ</i> .	police, <i>puls</i> , <i>pu'las</i> .
chocolate, † <i>caḷ'lc't</i> .	pudding, <i>phuṭĩ'n</i> , <i>puṭĩ'n</i> .
colonel, <i>karnæ'l</i> .	putty, <i>phuṭĩ'n</i> , <i>puṭĩ'n</i> , and <i>paṭĩ'n</i> .
cigarette, <i>si'graṭ</i> .	
croquette, <i>ku'rkat</i> .	register, <i>raji'star</i> ; so <i>raji'strĩ</i> , registered.
dead-house, <i>ḍĕḍ'aw's</i> .	report, † <i>ra'paṭ</i> , † <i>ra'baṭ</i> ; so <i>ra'pṭĩ</i> , <i>ra'bṭĩ</i> , <i>ra'ṭbĩ</i> , reporter.
decree, <i>ḍi'grĩ</i> .	
	second, <i>ski'nt</i> , <i>saki'nt</i> .
engineer, <i>anjĩ'nyar</i> .	secretary, <i>ska'ttar</i> , <i>saka'ttar</i> .
entrance, <i>entræ'ns</i> .	
	warrant, <i>vara'nt</i> .
F.A., <i>ĕ'ffĕ</i> .	
furlong, <i>farlā'g</i> .	

In addition to the above there are words with a double stress. Such are bicycle, *bā'iska'l*; commissioner, *kami'sna'r*; ḍā'gdā'r, doctor; quarantine, *ku'rāṭĩ'n*.

TRANSPOSITION

There are several instances of the transposition of *r* so that a stop + *r* + vowel becomes stop + vowel + *r*.

breeches, <i>birjas</i> .	croquette, <i>kurkaṭ</i> .
brake, † <i>birk</i> .	February, <i>farvarī</i> , <i>pharbarī</i> .
brush, <i>burś</i> .	gross, <i>guras</i> .
cream, <i>kirm</i> .	trump, <i>turap</i> .
cricket, <i>kirkat</i> .	trumpet, <i>turam</i> .

l is transposed in *paḷtan*, platoon; *falālæn*, flannel; *ka'laf*, club; *pilsan*, pencil, is an alteration of *pinsal*, and *raṭbī*, reporter, of *rabṭī*.

STRESSED VOWELS

The symbols between square brackets are phonetic.

English [a] appears twenty-three times as *ā*, in two words it is *ǎ*, *plastar*, plaster; *kastræl*, castor oil. There is also the alternative form *klārċ* for *klārċ*, clerk.

[æ] The theoretical pronunciation of this vowel is *ē*, but the examples show that actually this is rare.

ā occurs ten times: *bārāk*, barracks; † *bāliṣtar*, barrister; *brāṇḍī*, brandy; *jākaṭ*, jacket; *jām*, jam; *lālṭæn*, lantern; *mācas*, matches; *rāsn*, ration; *aṣṭām*, stamp; *tāpīū*, tapioca.

æ eight times: † *ækt*, act; *bæt*, bat; *kæc*, catch; *fæsan*, fashion; *læṇḍo*, landau; † *mænjār*, manager; *mæn*, man; *gæb*, gap.

ǎ five times: *bāmbū*, bamboo; *bāṅk*, bank; *kāmpū*, camp; *lāmp*, lamp; *mākrūnī*, macaroni.

i twice: † *ikaṭ*, act; *ṭikas*, tax.

e twice: *pletfārm*, platform; *mēm*, ma'am.

[ɒ] twenty-one times becomes *ā*, occasionally it is *ǎ*, *bāmb*, bomb; *āfsār*, officer; *bākās*, box. We may add perhaps *āktūbar*, October, † *cāklet*, chocolate, and *āpreśan*, operation, in which the *ǎ* is unstressed.

[aɪ] when initial or medial is *æ* or *āi*; when final. *āi* or *āi*: exceptions are *rāfāl*, rifle; † *mīl*, mile; *jawlā*, July; *tem* (or *ṭæm*), time.

Even [aiə] becomes *æ*, e.g. *fær*, fire; *ḍærī*, diary; *ḍæmāl*, diamond; via, is *vīā* or *vāyā*; bioscope > *bāiskop*.

[ʌ] twenty-four times remains *ǎ*, but we have *ū* three times: *turap*, trump; *turam*, trumpet; *burś*, brush; also *kaṁpanī*, company; † *kāṇṣṭebāl*, constable; *sāṭāpin*, stuffing. In *gawormnt*, government, the vowel is influenced by the *v*.

[au] is represented by *aw* seven times, sometimes pronounced [u̯o]; twice by *o*: *kampoḍar*, compounder: and *poḍar*, powder; flour is *flawr*.

English short [e] or [ɛ] appears in various forms. *ě* or *ī* is the commonest; this *ě* is very low, practically [ɛ], and may as a rule be equally well written *æ*: next in frequency is *i*, then *Λ* and lastly *ē*.

e, *æ*, sixteen times: *sækan*, second; *sūpr̥int̥ēṇḍant̥*, superintendent; *sēṇṭar*, centre; *dar̥ēkṭar*, director; *dēḍ*, dead; *ěffē*, F.A.; *jæṇṭalmæn*, gentleman; *hēḍ*, head; † *insp̥ēkṭar*, inspector; *lēkcarār*, lecturer; *sp̥ēl*, spelling; *tænis*, tennis; *ēm̥mē*, M.A.; *rasæ's*, recess; *rezūḍant̥*, resident; *prezīḍant̥*, president.

i thirteen times: *bīḷṭ*, belt; *br̥inc*, bench; *cik*, cheque; *dipt̥ī*, deputy; † *iṇan*, engine; † *insp̥ittar*, inspector; *miss*, mess; *mimbar*, member; *pilsan*, pencil; *pin̥san*, pension; *pippalmin̥ṭ*, peppermint; *siṣan*, session; *śiḷḍ*, shed.

ā twelve times: *bānc*, bench; *dasambar*, December; *satambar*, September; *navambar*, November; *farvarī*, February; *janral*, general; *lamnēt̥*, lemonade; † *laṭ̥ant̥*, lieutenant; *saml̥īnā*, semolina; *santrī*, sentry; † *anjan*, engine; † *anj̥inyar*, etc., engineer.

æ: occurs in † *laṭ̥æ:n*, lieutenant.

ē six times: *br̥ēs*, breast; *dar̥ēs*, dress; *dar̥esar*, dresser; *dar̥ēsṣī*, dressing; *kēṭṭī*, kettle; *pr̥ēs*, press.

[ɜ] or [ə] > *ār*, six times; *jarman*, German (and *jarmanī*, Germany); *yark*, jerk; *sarvan̥ṭī*, adjectival formation from servant; *varmselī*, vermicelli, *karnæl*, colonel.

ār, once: † *thar̥ḍ*, third (*r* here is fricative cerebral).

ā, twice: *fāst̥*, first; † *thāḍḍ*, third.

ā, once: *gāḍar*, girder.

ār, once: *tār̥p̥īn*, turpentine.

æ, once: *næs*, nurse

[eɪ], twenty times *e*.

ā, twice: *glās*, *gilās*, grace; *vāskat̥*, *bāskat̥*, waistcoat.

æ, twice: *gæṭas*, gaiters; *cæn*, chain.

āī, once: *maī*, May.

ī, once: *bīrk*, brake.

[ɛə] occurs in bearer, *bæ'rā*; and in phaeton, *fiṭan*.

[ɪ] *ī*, twenty-seven times.

ī, seven times: *kaṁṣan*, commission; *ḍīsī*, distant; *ḍīs*, dish; *mīl* r *mil*, mill; *pīn*, pin; *ṭīn*, tin; *sṭīpat̥*, slipper; *phuṭīn*, *puṭīn*, pudding.

e, three times : *kamēṭī*, committee ; *gegām*, gingham ; † *dalel*, drill.

ā, once : *saṅgaḷ*, signal.

æ, once : † *æncī*, inch.

ū occurs in *huškī*, whisky and *tul*, twill, where it stands for "wi" or "whi" (unstressed in *biskut*, biscuit, *kunæn*, *kuræn*, quinine).

ū stands for "wi" in *tūl*, twill.

[i] appears seven times as *ī*.

Once as *ī* : *kīrm*, cream.

Twice as *æ* : *kunæn*, *kuræn*, quinine ; *fanæl*, *phanæl*, *pharnæl*, phenyle. In these words it is based on a pronunciation [-am], [-aɪl].

[ou] seventeen times *o*.

Three times *ū* : *makrūnī*, macaroni ; *aktūbar*, October ; *tāpīū* tapioca.

Twice *ū* : *uvarkot*, overcoat ; *puḷṭas*, poultice.

aw once : *awḷdar*, holder.

[œ] becomes *æ* : *bæl*, boil ; *æḷ*, oil (in castor oil).

[ɔ] ; (i) words without the letter "r", becomes *ā* : *bāl*, ball ; *cāk*, chalk ; *ālṭ*, halt ; *kalāth*, *kilāth*, cloth ; *āl*, hall ; *mālṭā*, Malta ; *sās*, sauce. Exception, *agast*, August.

(ii) Words with "r" : five times *ā* : *kāk*, *kāg*, cork ; *kānflawr*, cornflour ; *drāz*, drawer, drawers ; *āḍar*, order ; *kuāṭar*, quarter.

ār twice : *farmā*, *pharmā*, forme : *ardalī*, orderly (note the different treatment in "order" above).

[u], twice *ū* : † *futt*, *phutt*, foot ; *bulḍāg*, bulldog.

Once *ū* : *būṭī*, bull-terrier.

Once *ī* : † *fitt*, foot.

[u] occurs ten times as *ū*, and once as *ī* : *bigal*, bugle.

UNSTRESSED VOWELS

Final [ə] unstressed spelt with "r" becomes -*ār* twenty-eight times.

-*ār*, twice : *lēkcarār*, lecturer ; *dāgdār*, doctor.

-*ā*, twice : *dāllā*, dollar ; *bæ'rā*, bearer.

-*aṭ*, three times : † *rabat*, rubber ; *silpaṭ*, *slīpaṭ*, slipper ; † *slīpaṭ*, sleeper.

-*aṭ*, once : † *rabar*, rubber.

With these should be connected -*o* in *moṭo kāṭ*, motor-car. Cf. also *gæṭas*, gaiters ; *ardalī*, orderly ; *pippalmint*, peppermint ; *anjnīr*, etc., engineer ; *pleṭīar*, plate-layer.

When not spelt with "r" it becomes -*ā*, as *amrīkā*, America ; *māltā*, Malta.

A closely related question is that of all vowels which in English spelling require the letter "r". There are approximately fifty words in which such vowels are found. Of these thirty have the *r* sound in Panjabi, and twenty have not.

Examples : *rapoṭ*, report ; *kāg*, *kāk*, cork ; *gāḍ*, railway guard ; *næs*, nurse ; *sārjan*, sergeant ; *karnæl*, colonel ; *mārc*, March.

Unstressed Vowels nearly always become -*ā* or disappear. [-i] > -*ī* ; [-ɪ] > -*ī*- or -*ī*- (-*ū*- in *biskuṭ*, biscuit). Occasionally a "spelling" pronunciation is heard, as constable > cons-table < *kanstēbal*.

CONSONANTS

b > *f*, in *kalaf*, club ; *p* in *ṭap*, tub ; and is inserted in *bamb*, bomb. *ch* > *j* in *birjas*, breeches.

Representation of English *d* and *t*. I have dealt with this in a special article in *Bull. S.O.S.*, Vol. IV, Pt. II. The following words were given there in which *t* and *d* have become dental.

t : *dāgdār*, doctor ; *agast*, August ; *stambar*, September ; *aktūbar*, October ; *kettī*, kettle ; *kanastar*, canister ; *tos*, toast ; *trel*, tray ; *santrī*, sentry ; *hāthīcok*, artichoke ; *turap*, trump ; *turam*, trumpet ; *tārpīn*, turpentine.

d : *dasambar*, December ; *ardalī*, orderly ; *drāz*, drawer, drawers ; *darjan*, dozen. To these should be added *tārkol*, tar coal ; *plastar*, plaster ; † *bāragmāstrī*, barrack-master's office ; † *rajistrī*, registered ; *rāwd*, round ; *dalel*, military drill ; *dres*, dress ; *dressī*, dressing.

d is changed to *ṭ* in *kāṭ*, card ; *lāṭ*, lord ; *lamneṭ*, *lamleṭ*, lemonade ; *māmleṭ*, marmalade ; *pareṭ*, parade ; *phuṭīn*, *puṭīn*, pudding ; *skīnṭ*, *sakīnṭ*, second (part of minute), and to *l* in *dæmal*, diamond ; to *nṭ*, in *inṭarminṭam*, intermediate.

d is omitted in *sækan*, second class in train ; *sikan*, second course in meal ; *kamāniar*, commander.

d is inserted in *ṭaṇḍal*, tunnel.

f > *p* in *cīpkot*, chief court ; † *sālīptak*, certificate ; *jāmpapp*, jam-puff ; *satāping*, stuffing ; *ṭīpan*, tiffin.

f always tends to become *ph* in the Southern dialect.

English *h* occurs (only initially) in about fifteen words. It always gives rise to the low-rising tone. See vocabulary in last article.

j > *j* except in *yark*, jerk (used in cricket).

k usually remains *k*, but > *g* in † *bārag*, barrack ; † *kāg*, cork ; *ḍigrī*, degree ; † *ḍāgdār*, doctor ; *raṅgrūt*, recruit ; *ṭigaṭ*, tax or ticket.

kt > *tt* in † *inspittar*, inspector.

k is omitted in *ṭāpiū*, tapioca. See “ *qu* ”.

l, see also *n*, *r*.

l immediately preceded by a *cs.* becomes *-āl*, as *bāibal*, Bible ; *rafal*, rifle.

l > *ḷ* in *saṅgaḷ*, signal. It is added in *trel*, tray.

l and *n* are interchanged in *lokal* or *nokal*, local (used of trains) ; *noṭ* or *lot*, note (money).

The word “ number ” is usually *nambar* when standing alone for “ number ”, but *lambar* when meaning village headman who is called *lambaḍār* or simply *lambar*.

l is omitted in *pleṭār*, plate-layer, and inserted in *pippalmint*, peppermint.

l is interchanged with *r* in *ḍaril*, *dalel*, military drill ; *jæntalmæn*, *jæntarmæn*, gentleman ; *rūl*, *lūl*, (wooden) ruler ; *fær*, *fæl*, fire.

l and *n* are transposed in *falālæn*, flannel.

m is omitted in *papp*, pump ; *turap*, trump.

n, see also *l*.

n is omitted in *kampoḍar*, compounder ; *kānphræs*, conference ; † *aṅtræs*, entrance ; † *laws*, allowance ; *frāshīn*, French beans ; *kurātīn*, quarantine.

n is inserted in *raṅgrūt*, recruit ; omitted in *dresī*, dressing ; and changed to *g* in *gegām*, gingham.

n > *ḷ* or *l* in † *sīmīḷṭ*, cement ; *lālṭæn*, lantern ; *ḍæmal*, diamond ; † *pīlsan*, pension.

n > *nī*, in *cimṇī*, chimney ; † *baṇæn*, banyan ; *iṇaṇ*, engine ; † *læn*, line.

n > *r* in † *kuṛæn*, quinine.

p is omitted in *stambar*, September ; *aṣṭām*, stamp.

p > *f* in *ṭæmfīs*, timepiece, and *b* in *qæb*, gap, † *rabat*, report.

qu = *kw*, rejects the “ *w* ” sound in *kurātīn*, quarantine ; *kunæn*, *kuṛæn*, quinine ; *koram*, quorum ; but retains it in *kuekar oṭ*, Quaker Oats ; *kuāṭar*, quarter.

r ; see also *l* and the vowels [ɜ], [ə], and [ɔ], and Unstressed Vowels.

r is inserted in *brinc*, bench ; † *sirmaṭ*, cement ; *ṭamāṭar*, tomato ; *paṭeṭar cāp*, potato chop ; *darjan*, dozen.

r > *l* in *baliṣṭar*, etc., barrister ; *gilās*, *glās*, grace (banking).

s is omitted in *tūl*, stool ; † *tesan*, station.

s > *ś* in *aśtām*, stamp ; *baliṣṭar*, barrister ; *māṣṭar*, master ; *iṣṭū*, stew ; † *phaśṭklās*, first class ; *huṣkī*, whiskey ; † *aṣṭant*, assistant.

sh always tends to become *s* in the Southern dialect ; in the Northern this occurs in three words : † *burs*, brush ; *ḍīs*, dish ; *rāsn*, rations.

s + *cs.* does not present much difficulty ; school, Scotch, Scotland, slate, sleeper, slipper, speech, spell, station, study, stuffing, *can* be pronounced without an extra vowel. When the vowel is introduced it is usually between the *s* and the *cs.* : *iṣṭū*, stew ; *aśtām*, stamp, come from the UP.

t : see above *t* and *d*.

t is omitted in *sārjan*, sergeant ; *tos*, toast.

It becomes *d* in *ḍāgdār*, doctor, and *s* in *kaṭlas*, cutlet.

The forms *ḍīsī*, distant ; *laṭṭæn*, lieutenant, should be noted.

[θ] > *th* : *kalāth*, cloth ; *tharmāmētar*, thermometer ; *tharḍ*, third (also *ṭhaḍḍ*) ; *thrū*, through.

[ḍ] > *d* ; *fādar*, father.

v becomes Pj. *v* : *sival*, civil ; *ḍarævar*, driver ; *uvarkoṭ*, overcoat ; *navambar*, November ; *sarvaṇṭī*, servant ; *varmselī*, vermicelli ; *vīā*, *vāyā*, via ; *vīpī*, V.P. ; *nāval*, novel.

v > *b* in *grebbī*, gravy. In *gawrmṇṭ*, government *avar* > *awr*.

w becomes *b* in S.P. *bāskat*, waistcoat ; *baraṇṭ*, warrant ; *biskī*, whiskey. For *cs.* + *w*, see under [I] and *qu*.

ADDENDA TO LAST ARTICLE

gawrmṇṭ, government. *sāgū*, sago. *prāivēṭ*, private.
jarnælī śarak (not *r*), general road, i.e. Grand Trunk Road.

CORRIGENDA TO LAST ARTICLE

For *kārnflawr*, cornflour, read *kānflawr* ; for *baskat*, waistcoat, read *bāskat* ; for *pletī'ar*, plate-layer, read *ple'tīar* ; for *ḍarairar*, driver, read *ḍarævar* ; for *ærland*, Ireland, read *ærlaṇḍ*.

z remains in the words for baptise, braces, drawers, president and resident.

z > *s* in *birjas*, breeches ; *fīs*, fees ; *gætās*, gaiters ; *mācis*, matches.

z is omitted in *ēḍkuātar*, headquarters.

In S.Pj. *z* > *j*.

WEST HIMALAYAN BÖHRI AND ŞINĀ BODŪ

Most Indo-Aryan languages have a word for "many" or "much" or "very", and another for "big" or "great", corresponding to Hindi *bahut* and *barā* respectively, and each word has generally the same varieties of meaning. Thus the word for "many" also means "much" and "very". In Hindi *barā* sometimes stands for *bahut*; Panjabi *barā* and *bau't* are the same as *bahut*, and *vaḍḍā* is used for "big" or "great".

So far as I know attention has never been drawn to a remarkable word for *bahut* found in a continuous area which includes the Simla states of Kyūṭhal, Jubbal, and Baṣṭahr (part) as well as the British districts of Simla, Koṭ Gur, and Koṭkhāī. The form under discussion is found in four out of the five Aryan dialects which are spoken in Baṣṭahr and collectively known as Kocī, viz. the dialects of Bāghī, Rohṛū, Surkhuḷī, and Doḍra-Kuār. I have not actually heard it in the remaining Kocī dialect, that of Rāmpur, or across the Satluj in Sirājī, Suketī, or any of the other dialects further down the river, but, as there is much coming and going, the word must be heard outside its proper home.

The following varieties of the word should be noted. Kocī dialects in Baṣṭahr:—

Bāghī	<i>bōri, bōhri</i>	Surkhuḷī	<i>bōri</i>
Rohṛū	<i>bōhri</i>	Doḍra Kuār	<i>bōri</i>

Jubbal, *bōʔri* (with glottal stop)

Koṭ Gur *bauhri*

Simla, Kyūṭhal *bhauri*

The final *i* represents a high front vowel often written *-ī*.

About these words it has to be noted that—

- (i) In all of them the *r* is dental, not cerebral.
- (ii) All are indeclinable: the ending *-i* occurs with both genders are numbers.

Nearly all the words meaning "much" or "many" have indeclinable forms (this follows from their etymology);

but those meaning "big" are generally declined. Thus words of the type *bau'* (i.e. *bahu*, *baū'*, *bau'*) and *bahut* (*bau't*, *bhaut*, *bahut*) are not declined. Note, however, that Pj. *bau'tā* "much" is always declined. The words for "big" or "great", such as *baṛā*, *vaddā*, *bōro*, *bōrau*, *bāro*, *bōddā*, *baurau*, *bāddā*, etc., have cerebral *ṛ* or *ḍ* and are declinable.

What is the derivation of *bōhri*. One thinks naturally of *bahutara*. That would explain **bōhrā*, but does not account for the ending *-i*, which, as we have seen, is not fem. Professor Jules Bloch suggests to me that perhaps *bōhri* really is a fem. and agrees with an unexpressed noun, and Professor R. L. Turner that *-i* is possibly emphatic like the similar ending in Nepali. There are difficulties. The meaning "many" seems incompatible with the idea of an unexpressed word; the emphatic seems to postulate a non-emphatic form, but I do not know of one. Probably all three types, *bōhri*, *bahu*, and *bahut* come from forms of the same root, and the words for "big" from forms of another root unconnected with the first.

We proceed now to another type. The Ṣiṇā word for *bahut* is *bodū*, very interesting and difficult to explain. Like *bōhri* and *bahut* it has a dental for its second consonant, but unlike them it is declined. The word for "big" is *bōṛū*, pronounced with cerebral *ṛ*. The suggestion has been made that *bodū* and *bōṛū* are merely different spellings or pronunciations of the same word. They differ, however, in both sound and sense. *Bodū* has a dental *d*, *bōṛū* a cerebral *ṛ*, and the first vowel is very different. The *ō* of *bōṛū* changes to *ā* in the fem. *bāṛi*, and plur. *bāṛē*, going back probably to an original *ā*, while the *o* of *bodū*, which never changes, probably comes from original *-o*. One word means "great" or "big", the other "many", "much", or "very".

I add some examples of the use of *bodū* :—

bodi bāṛi bāṛi, a very big pond.

bodē bāṛē bāṛi, very big loads.

bodē agūrē bāṛi, very heavy loads.

bodī miṣṭi pōn, a very good road.

bodū hīn, much snow.

bodū gālīs, very ill.

bodē khūnē, many murders.

bodū valē', bring a lot.

bodū girān, very difficult.

bodī dūr, very far.

ma bodū betūs, I sat much, i.e. I waited a long time.

talāk bodī thēnēn, they make much divorce, i.e. often divorce their wives.

bodī giróm valērē', much perspiration cause-to-be-brought, i.e. perspire well.

jāk bodē yāgi hanē, people are very independent.

tūs bodū chūt thiga, you made much lateness, you were very late.

bodī bīrgayēr' bodī shikāst khēgē, in much warfare much defeat they ate, i.e. they fought much and were severely defeated.

The word *bōrū* "big" hardly requires further illustration. It will be sufficient to refer to the Parable of the Prodigal Son, which contains both words. We have *bōrū kōnēr* "a great famine" and *bōrū pūç* "the big son", i.e. "the elder son": also *bodī dūr* "very far". See the first two examples above.

The derivation of *bodū* from *vardhakaḥ* does not explain *o*. Professor Turner points out that Mid. I. *a* tends to become *o* in *Ṣiṇā* under the influence of a following *u*, but that this fact does not appear to have any bearing on the *bodū* question.

THE SINDHI IMPLOSIVES¹

Implosives differ from plosives in being uttered with an intake of breath. It may be taken into the lungs or stopped in the larynx. Theoretically a plosive-implosive is also possible, in which air is expelled from the lungs and simultaneously inhaled, the current in both cases going no further than the larynx. A final decision can only be made in a phonetic laboratory, but without such aid it is possible to give an approximately correct account of these sounds.

The Sindhi implosives are four in number, all unaspirated sonants, a bilabial, a guttural, a retroflex tongue-tip palatal, and palatalized blade-front-dento-alveolar. Three of them correspond to the North Indian sounds usually written *b*, *g*, and *ḍ*. The fourth is supposed to correspond to *j*, but is actually a palatalized *ḍ*. The ordinary *ḍ*-implosive is not found. All four may be initial, medial, or final. Many other sounds may be enunciated in this way, but Sindhi has only four. One must first learn to control one's larynx and to raise or lower it at will. It is not difficult to make a difference of an inch between the high and the low position of the larynx, and with practice this could be increased. The best rule for producing them is perhaps this: try to make an ordinary *b*, *g*, *ḍ*, or palatalized *ḍ*, but at the same time close the glottis and lower the larynx. This will necessitate an intake of breath, and prevent air from going beyond the larynx.

I feel convinced that the amount of air that reaches the lungs is negligible. A simple experiment goes to prove this. If one holds one's breath and repeats the implosive *b* as often as one can without taking a fresh breath (it is easy to do so about 250 times), one will find that at the end one can make a full inhalation. If at each of these 250 repetitions an appreciable amount of air had been taken in, a final inhalation would have been impossible.

¹ "Implosive" has sometimes been used in a slightly different sense, e.g. by Professor Jones in *English Phonetics*.

ET DE QUIBUSDAM ALIIS

(1) Hindi, Urdu *bhāī* and *bhāī*, Pj. *vāī* or *v.āī* and *p.āī* or *pr.ā*. The words *bhāī* and *vāī* differ widely from *bhāī* and *pr.ā*, but I do not think the difference has ever been pointed out. *bhāī* and *pr.ā* mean brother or cousin, and include, of course, brother in trade, nation, or religion. *bhāī* and *vāī*, on the other hand have nothing to do with brother; they are not even confined to males. The two Pj. words do not resemble each other in sound. *bhāī* and *vāī* mean my good fellow, my good woman, my good man. They are constantly used by husband to wife, by master or mistress to servant, by parents to children, by friend to friend. They imply familiarity, and suggest that the person spoken to is inferior, or at least not superior, in rank. A servant would not use it to a master or a wife to a husband.

bhāī and *vāī* do not take the stress though they can begin a sentence. Of particular interest is the difference of initial letter in Pj. *p.āī* or *pr.ā* and *vāī* or *v.āī*. In Pj. it is generally enclitic, and therefore the initial Sk. *bh* becomes not *p*, as for *bh-*, but *v*, or *v*. The change of *v*, to *v* is due to absence of stress.

(2) Platt's Dictionary gives the word *hīlā* two meanings, "shake" and "become familiar". I would make the suggestion that they should be given as separate words.

hil- "shake" used to be *hal-*. Thus Mir Asar, writing in 1740, makes *halnā* rhyme with *calnā*. In Dakani Urdu to-day the word is *halnā*, and in Pj. it is *hallñā*, or *allñā*. The other word always has *i*, and in Pj. has a cerebral *l*, *ilñā* "become accustomed" or "familiar."

(3) Pj. *all* and *al*. Unfortunately both the large Pj. dictionaries fail to distinguish *l* from *l̥*; they thus obscure many interesting differences. Thus *all* "a plough", plur. *allā* (Sk. *halya*), is fem. and has alveolar *l*: *al* "a yoke" (of ploughing oxen) (Sk. *hala-*), is masc. and has cerebral *l̥*.

dū' alā dā khū' is a well with enough land for two pairs of oxen to plough. The word for ploughman (Sk. *hālīka-*) is like this second word. It is *ālī*, not *ālī* or *allī*. The verb to plough is *al vā'ñā*, not *all vā'ñā*.

(4) PHONETICS

(a) The word "*Şinā*"

I have always written the word in this way, feeling that the pronunciation *shīnā'* was the best approximation for a European. It is perhaps advisable, in the interests of accuracy, to indicate the exact pronunciation. The chief thing to avoid is *sheena* (*shīnā*). The *i* is a retracted variety of the *ī* heard in long syllables in Urdu, Pj., and *Şinā*. It is almost the Russian [ɨ] in [bɨt̚] "to be"; more advanced than the normal Russian sound, and is quite short.

ʃ is a retracted *sh*, slightly further back than the *sh* element in English "try". *ñ* is an ordinary cerebral *n* with strike point behind the teeth ridge.

(b) The Prefixes pre- and post- in Phonetics

These prefixes are common in words like prepalatal, post-dental, postalveolar, and would be useful if there were agreement about their meaning. Unfortunately they are used in two mutually contradictory senses, and every writer assumes that his own meaning is attached to them by others. The

question is whether, e.g., prepalatal is a subdivision of palatal or not. I use prepalatal to mean "in front of the palate", not "on the anterior part of the palate"; and postalveolar to mean "behind the alveolar position", not "on the posterior part" of it. This seems to me to correspond with the medical use of pre- and post-, and to be correct. So "prechristian" means not in the early part of the Christian era, but *before* the Christian era. One or two authors, however, employ the prefixes in the contrary sense. My object in writing this note is not to insist on my opinion, but to mention the two meanings and to point out that owing to the confusion, unless we define our terms, we shall not be understood.

(c) *Comparison of Sounds in Different Languages*

In describing an unwritten language we often have to compare its sounds with those of a written one, but we must avoid comparing things which are on different planes. If I compare Urdu or Panjabi words and sounds with those of, say, Lahndī or Ṣiṇā, I must not compare written words with unwritten sounds unless I am quite certain of the pronunciation represented by the former.

The writing of Indian languages, whether in their own character or in Roman letters, is not phonetic. Thus we are told that in Urdu *ā* is pronounced like *u* in "but". Actually that is one out of seven pronunciations, all perfectly common, viz. approximately the vowel sounds in (1) far, (2) bang, (3) attempt (first vowel), (4) gone, (5) men, (6) but, and (7) complete omission. The same speaker will habitually employ the whole seven. Yet people talk of *the* sound of *ā*.

Again, Urdu speakers will say *vo hātī mere sāt sāt āēā* "that elephant came with me", but the omission of an aspirate in an unwritten language is treated as something remarkable.

When we say, as I have done myself, that the vowels of certain unwritten languages vary a great deal, we must not suggest that the fact is unusual, or forget how much variation (concealed by fixed spelling) there is in the

pronunciation of vowels in the literary languages of India ; and if we compare them we must compare actual sounds in both cases. There is a surprising amount of confusion about the sounds of well-known languages, and the pronunciation of many words is very different from what is supposed.

MIDDLE INDIAN $-d- > -r-$ IN VILLAGE KĀSMĪRĪ

When thirty years ago, in the summer of 1898, I began to study Kāsmirī in a lovely village 20 miles from Srinagar, my teacher being a city Muḥammadan, I noticed that in certain words he used r , while the villagers regularly said r , as *gur*, *gur* "horse" ; *yūr*, *yūr* "hither" ; while in others both alike said r , as *karun* "do" ; *vāra vāra* "carefully". There was no variation in this usage ; a villager never by accident put r into a word with r . Subsequent visits to Kāsmir confirmed not only the fact of diversity between city and village, but also the regularity of it.

In the *Festgabe Hermann Jacobi*, 1925, Professor R. L. Turner, following up some statements of mine in *Bull. S.O.S.*, iii, 2, 382, suggests that MI $-d- > -r-$ in village Kāsmirī. In support of this opinion, with which I entirely agree, I submit a list of words taken from the village language. In only two of them do we find an unexpected r ; both these are connected with cooking, doubtless loanwords from Brahmans : *krāy* "cauldron", Pj. *karā'ī* : *krūṭsh* "spoon", Pj. *karṇhā*.

Noteworthy is *karun* "eject", in which we have a cerebral as we expect, but, contrary to rule, it is r instead of d .

In *khūr* "heel" we expect r , for we have it Pj., Lahndī, and Ṣiṇā, but we might easily have got r from the other root. In view of the r in *harun* "fall", we must either reconsider the tentative equation of *harun* with H. *sarṇā*, or conclude that it is a loanword.

For "myrrh" the *Kaśmīrī Dictionary*, edited by Sir George Grierson, gives (but with a question mark) the strange word *mur*—strange because the Paṇḍits cannot say *r*; moreover, villagers say *mūr*. As the word is Hebrew, *r* is natural.

The subjoined list is a good example of the distinction between loanwords and words regularly developed. It is a mere matter of majority. Here we have over forty words in which an anticipated *r* is found, and only two with an unexpected *r*. The necessary conclusion is that the forty represent the rule, and that the two are loanwords.

In order that this list should not depend on my assertion alone I sent most of it to Professor Siddheśvar Varma, asking him to check it with village Muḥammadan Kaśmīris. This he has been so kind as to do.

All these words have a special interest; they illustrate well what I said about *r* in this dialect, and incidentally help us with etymologies, as in the case of *harun* "fall".

The four adverbs of place deserve attention. The -*r*- which appears in all of them may not be Sk., but it has several parallels.

	where ?	where	here	there	yonder
Kś	<i>kōṛ</i>		<i>yūr</i>	<i>tōṛ</i>	<i>ōṛ</i>
Sāsī	<i>kaṛe</i>	<i>jaṛe</i>	<i>ēṭhī</i>	<i>ōṭhī</i>	
Bhadravāhī	<i>kōṛī</i>	<i>zaṛī</i>			
Bhaḷesī	<i>kōṛe</i>	<i>dzēṛe</i>			
Pāḍarī	<i>kōṛ</i>	<i>zār</i>			
Curāhī	<i>kōṛe</i>	<i>jēṛe</i>			
Pj.				<i>tōṛ</i> "up to there", "up to the end".	

The *Dictionary* gives some *ḍ* forms, generally as village alternatives. I have put them in brackets with the initial D. Villagers do not use *ḍ* in these words, but Paṇḍits often think they do. It would be useful to make an exhaustive list of village -*r*- words. It is important to realize that they mark a definite dialectic variation, and are perfectly regular.

Village Kaśmīrī	Panjabi	Village Kaśmīrī	Panjabi
<i>bigarun</i> , be spoilt	<i>vigarṇā</i>	<i>kūr^u</i> , girl	<i>kurī</i>
<i>bigārūn</i> , spoil	<i>vagārṇā</i>	<i>lar</i> , thread	<i>lar</i>
<i>bīr</i> , crowd	<i>pīr</i>	<i>larun</i> , fight	<i>larṇā</i>
<i>brōr^u</i> , cat	<i>billā</i>	<i>larōyⁱ</i> , fight	<i>larāi</i>
<i>byōr^u</i> , cat		(D. <i>ladōyⁱ</i>)	
<i>chērun</i> , annoy	<i>cherṇā</i>	<i>lārun</i> , run	
<i>chīrkāvun</i> , sprinkle	<i>chīrakṇā</i>	<i>lārun</i> , stain	
<i>chōrun</i> , leave	H. <i>chorṇā</i>	<i>lūr^u</i> , club	<i>laurā</i>
<i>dōr^u</i> , beard	<i>dārⁱ</i>	<i>mīr^u</i> , dovecot	H. <i>maṭh</i>
<i>doṛ^u</i> , firm		<i>mūr</i> , foolish	H. <i>mūrḥ</i>
<i>garun</i> , fashion	<i>kārṇā</i>	<i>moṛ^u</i> , body	
(D. <i>gaḍun</i>)		(D. <i>moḍ^u</i>)	
<i>gōr</i> , sugar	<i>gur</i>	<i>mūrun</i> , husk	
<i>gūr</i> , pakkā		<i>ōr</i> , thither	
<i>gur^u</i> , horse	<i>kōṛā</i>	<i>parun</i> , read	<i>parⁱnā</i>
<i>gur^u</i> , mare	<i>kōṛī</i>	<i>śur</i> , boy	
(D. <i>guḍ^u</i>)		<i>thūr^u</i> , back	
<i>gūr^u</i> , clock	<i>kārī</i>	<i>tōr</i> , thither	<i>tōr</i>
<i>gūr</i> , kaccā		<i>tshārun</i> , seek	
<i>gagrā</i> , thunder		(D. <i>tshādun</i>)	
<i>hagoṛ^u</i> , cart	<i>chakṛā</i>	<i>tsūr^u</i> , bird	<i>cīrī</i>
<i>hār</i> , June-July	<i>ārⁱ</i>	<i>yūr</i> , hither	
<i>ora</i> , pair, etc.	<i>joṛā</i>		
<i>jūrⁱ</i> , do	<i>joṛī</i>	LOANWORDS	
<i>kapur</i> , cloth	<i>kapṛā</i>	<i>krāy</i> , cauldron	<i>karāⁱ</i>
<i>karun</i> , eject	<i>kaddⁱnā</i>	<i>krūtsh</i> , ladle	<i>karḥā</i>
<i>kārun</i> , boil	<i>kārⁱnā</i>	Other words with <i>r</i> (not <i>r</i>)	
<i>kōkur</i> , cock	<i>kukkaṛ</i>	<i>khūr^u</i> , heel	<i>khur</i>
<i>kor^u</i> , bracelet	<i>karā</i>	<i>harun</i> , fall	
<i>kōr</i> , whither		<i>mūr</i> , myrrh	<i>mur</i>

THE OLD TESTAMENT: A NEW TRANSLATION. By JAMES MOFFATT. Vol. I, xi + 571 pp. Vol. II, xi + 483 pp. London: Hodder and Stoughton, 1924. 10s. 6d. per vol.

In these days of specialized work it is a bold thing for a New Testament scholar to translate the Old Testament, for, although he will naturally mistrust his own opinion in a sphere where he has not expert knowledge, and will follow that of Old Testament scholars, yet he requires a general acquaintance with the whole field in order to be able to pass wise judgments. This is a great work and will be of immense service to all those who really study the Bible, especially to those who do not read the original. It must be judged by its intentions. It aims at giving a popular and accurate translation in good modern English. It cannot supersede the AV. and the RV., but is to be used along with them. We must ask ourselves two questions: is it accurate, and is it couched in good English? The answer to the first question is almost wholly favourable (though I cannot persuade myself that כה יעשה יהוה לי means "may God kill me and worse"). It is invaluable in throwing new light on obscure or doubtful sentences, it is a wonderful contribution to knowledge. The second question must be answered with much greater reserve.

While there are innumerable passages, especially in the second volume, full of felicitous renderings, some which make one glow with spiritual ardour, there are many others where wrong idioms, even bad grammar, harsh phrases, colloquialisms, almost vulgarisms, impair the pleasure and profit of reading. The faults of idiom, diction and grammar which are observable in the author's New Testament are still present, though happily they are not nearly so prominent. Thus to take his translations of the poetry, one's criticism of the first volume, and to a lesser extent of the second, is that they are a strange mixture. Phrases of rhythmic and poetic beauty jostle colloquial prose; in half a dozen consecutive lines we may find a number of incongruous details—rhyme,

metre, and rhythm, along with unrhymed, unmetrical, and unrhythmical lines, or stately prose along with snippets of modern conversation. The following examples from vol. i will illustrate what has been said :—

(a) Bad or clumsy English : Who has handed you over your foes, Gen. xiv, 20. In case they *would* kill him, Gen. xxvi, 7. She (Rahab) *stayed* on the wall, Joshua ii, 15. Isaac *stayed* at Gerar, Gen. xxvi, 6. Where you hid *yon* day, 1 Sam. xxvi, 16. All *yon* company that I met, Gen. xxxiii, 8. He and his officers *stiffened themselves*, Ex. ix, 24. Encouraged him from God, 1 Sam. xxiii, 16. Drowsy and asleep, 2 Sam. iv, 6. We *will* never be able, Neh. iv, 10. Destroy all the spots, מקומות, Deut. xii, 2. In 1 Ch. xxvii, 24, “never” occurs twice, apparently for “not”. So Song v, 6, and elsewhere, “check” is used for “find fault with”.

(b) Colloquial or undignified English : in the great poem of Deut. xxxii the Almighty is made to refer to His enemies as “fatuous folk” (נִי אֲבֵר), v. 28, and to say “I had meant to finish them off” (אֶפְאַיֶהֶם), v. 26a. In the same poem occurs the school phrase “ask your seniors to repeat”. Other examples are : Moses was a most devout creature, Num. xii, 3. Hands off ! Jos. vi, 18. Jacob *started* to mount his sons on camels, Gen. xxxi, 17. This is a bad business, 1 Sam. xxvi, 16. Passing waifs (תּוֹשָׁבִים), 1 Ch. xxix, 15.

In places there are phrases which convey no clear meaning.

A considerable number of the individual words seem out of place in a Bible translation, for they have a peculiar and narrow meaning. Such words are braves, fetishes, fortalices, sept, sheikhs, midrash, burg and burghers (former not given, latter marked “archaic” in Concise Oxf. Dict.), troglodytes (surely “cave-dwellers” is a far commoner word). מִדְבָּר is translated now “desert”, now “country” or “open country” (description, not translation), now “wolds”, now “steppes” (applied to a part of the country where there are no steppes) : David’s גִּבּוֹרִים are called “knights”, which they were not. Some prophets are termed “dervishes”, others “prophets”, but

we are not told what the principle of the distinction is.

The word "clan" is greatly overworked. It does duty for שבט, for גוי, for בני (clan of), for ראשי האבות (chief of the clans), for בית (בית אביו, thy father's clan). "Quivering" is unpleasantly used of human beings for נמונו, Jos. ii, 9, 24; for ינע, Is. vii, 2; and for ימם, Jos. ii, 11; v, 1; vii, 5; but this last word, נמם, is rendered "melt" in Ps. xxii, 14; Isa. xiii, 7; "tremble" in Ezek. xxi, 7; and "collapse" in 2 Sam. xvii, 10. Hannah's heart "thrills over the Eternal" (עליז), and in Song i, 4, the bride says "there let us thrill with delight".

In place of the usual Hebrew or Aramaic text Dr. Moffatt has frequently adopted readings found in the versions, or followed modern conjectures. It would be well if these were indicated in the margin. We should like to know which are conjectures and which come from the versions, and also what degree of credence is to be attached to any particular reading.

Another question is that of order. In many instances the translator departs from the usual arrangement. Sometimes the intention of this is to restore the chronological order, and for this we are grateful, but it is tantalizing to be unable to find a passage which has been removed to a new situation. In other cases, however, where a supposed Hebrew editor has blended two or more narratives into a harmonious whole, Dr. Moffatt undoes his work and gives us the separate documents according to the prevailing view of modern critics—a proceeding which is out of place in a popular translation.

It is greatly to be regretted that Dr. Moffatt has given us a title instead of a name for the Tetragrammaton. The absolutely necessary thing is that whatever word is chosen, it should be a name, not a title. I hope that in the next edition "Jehovah" will be adopted. Why should "Yahweh" be suggested as the only possible name, unless indeed we are also to have Ya'aqobh, Yitschaq, Yarobh'am and Chizqiel? But if we may and do employ the Anglicized forms of these names, we may also employ "Jehovah", used in the American R.V.,

long established as an English word, and well suited to a popular translation.

We must note some very happy renderings: deep sea vessels for **אֲנוֹיֹת תַּרְשִׁישׁ** (ships of Tarshish); king's "confidential adviser" for **רֵעַ הַמֶּלֶךְ** (but why David's *friend* for **רֵעָה** ?); temple attendants, for Nethinim; tutor to the king's sons, **עַם בְּנֵי הַמֶּלֶךְ**; I am quite ready to die, **הֲנִי אָמוּת**, 1 Sam. xiv, 43. There are many others, especially in the later books. Perhaps the most successful attempt to translate poetically a poetical passage is in 2 Sam. xxiii, 1-7. It is notable that the translation of poetry in the prose books is not on the whole so good as in the more purely poetical books, the Prophets and Psalms.

The Book of Proverbs lends itself well to his style, and the translation of Pr. xxx, 1, a happy conjecture, adds a pure gem to the book.

Those who desire to know the Bible are under a great debt to Dr. Moffatt for his work; if attention has here been drawn to flaws rather than to merits, it is in order that they may be considered before the next edition comes out.

To sum up, the following are the changes which we should like to see introduced as soon as possible:—

- (1) The English improved in very many places.
- (2) Indication given of new readings, those found in the great versions being distinguished from modern guesses.
- (3) Excision of all reference to different documents or editorial comments; at best they deal only with scholars' subjective conjectures, and they are unsuitable in a popular work.
- (4) Order not to be altered except where necessary (never to indicate documents), and all changes to be shown.
- (5) "Jehovah" to be used for the Tetragrammaton.

Judge H. T. Colebrooke's Supposed Translation of the Gospels into Hindi, 1806

IN Darlowe and Moule's *Historical Catalogue of the Printed Editions of Holy Scriptures*, 1903 (= DM.), the earliest Hindi translation of the Gospels is entered as follows : " 1806. The Gospels translated by Henry Thomas Colebrooke (1765-1837), president of the bench at Calcutta, and honorary professor in Fort William College, the first great Sanskrit scholar of Europe." This is confirmed by Pearce Carey's book, *William Carey* (= PC.). In the third edition, p. 408, he writes " so far from vaunting how many versions he and his colleagues could add to their credit, they postponed the publication of their translated Hindi Gospels till Colebrooke's was printed in 1806 ". In the eighth edition, 1934, p. 420, " they postponed till 1811 the publication of their translated Hindi Gospels leaving the field to Judge Colebrooke's version for five years."

I suggest that this statement, though found in two important independent works, both involving much research, is entirely incorrect and that to William Carey belongs the great honour of having produced the first translation of any part of the Scriptures in Hindi.

The libraries which might be expected to have a copy of Colebrooke's supposed translation do not possess one. These are the libraries of the Brit. Mus., the India Off., the Brit. and For. Bib. Soc., the Roy. As. Soc., of which Colebrooke's son was president, the Bapt. Miss. Soc., and Serampore Coll. The Catalogue of the As. Soc. of Beng., of which Colebrooke himself was president, does not contain it. Further, *Colebrooke's Life*, by his son, which gives a list of his works, and the *Dict. of Nat. Biog.*, in its " complete list ", do not mention a translation of any part of the Bible.

After a time continued investigation practically convinced me that the idea of a translation by Colebrooke was due to

a misunderstanding. But the question remained "What was the source of the categorical statement that Colebrooke published Hindi Gospels in 1806?" Among numerous letters to various places I wrote one to Serampore College, and from the Rev. R. A. Barclay I received a reference which gives the probable origin of the story of the translation, though the date (1806) still required explanation. In a letter written by William Carey to Dr. Rylands on 14th December, 1803, which Mr. Barclay most kindly transcribed in full, Carey writes "A few days ago Mr. Buchanan informed me that a military gentleman had translated the Gospels into Hindoostanee and Persian, and had made a present of them to the College, and that the College Council had voted the printing of them. . . . I am glad that Major Colebrooke has done it. We will gladly do what others do not do" (*Periodical Accounts*, vol. ii, 456).

This is perhaps the place to point out the distinction between Hindi and Hindustani. Hindi is largely Sanskritic, many words are pure Sanskrit, while Hindustani, more correctly called Urdu, partially the same language, has Arabic and Persian words instead of Sanskrit. Carey, though using the terms indiscriminately, truly said that two translations were necessary "one into that [language] which draws principally on the Persian and Arabic for its supplies of difficult words, and another into that which has recourse in the same manner to the Sungscrit. Indeed the difference in these kinds is so great, that the Gospels translated into the former kind of Hindee under the auspices of the College of Fort William, is in many places quite unintelligible to Sungscrit pundits born and brought up in Hindoosthan" (*First Memoir*, 1808, p. 9).

Buchanan was Rev. Claudius Buchanan, for some years Vice-Provost of Fort William College, the author of some very interesting books, and a man of earnest Christian piety.

It is evident, as Mr. Barclay has pointed out to me, that Judge Colebrooke has been confused with Major Colebrooke.

The Judge does not seem to have done any Bible translation, though he was a great Oriental scholar and a good friend to the missionaries. He died in 1837—twenty-nine years after Major Colebrooke—and was not a military man. PC. in his earlier editions called him simply “Colebrooke”, but in his latest edition added the word “Judge”. Major Robert Hyde Colebrooke (1762 or 3–1808), afterwards Lieut.-Colonel, was probably Judge Colebrooke’s first cousin. He served in the Indian Army for thirty years, becoming Surveyor-General, and died in Bhagalpur. He was not directly connected with the College.

There has been further misunderstanding. The sole evidence for any translation into Hindustani (Urdu) by Colonel Colebrooke seems to be Carey’s letter. But the letter contains merely a second-hand reference to a conversation. Impressions left on one’s mind by conversation are notoriously inaccurate; impressions of a verbal report of conversation still more so. Here we have an account of a conversation reporting another which had taken place some time before. According to it Buchanan thought that Colonel Colebrooke had translated the Gospels into Hindustani, but in quarters where we should expect confirmation of this there is none; there is no reason to suppose that Colebrooke ever did so.

We come now to another point. Carey’s letter speaks of an Urdu translation of the Gospels, but DM. and PC. refer to Hindi, and there is nothing to show that either of the Colebrookes did anything in Hindi. The evidence to the contrary is strong.

I. THE COLEBROOKES DID NOT TRANSLATE THE GOSPELS INTO HINDI OR HINDUSTANI

(a) The very Buchanan, who is quoted as having said that Colebrooke translated the Gospels into Urdu, himself published in March, 1805, less than fifteen months after the conversation, a book called *The College of Fort William*,¹ containing the

¹ Published anonymously; but the author’s name is given at the end of *Christian Researches* which is by the same writer. See below.

“official papers and literary proceedings of the College” during its first four years. On pp. 219-225 is a list of “Works in Oriental Languages and Literature, printed in the College or published by its learned members”, and on pp. 225-231 under the date 20th September, 1804, the list is continued to include those published during the past year or “now in course of publication”. Several translations of the N.T. or of the Gospels in different languages are mentioned, but there is no reference to any Hindustani or Hindi translation by either Colebrooke.

(b) In 1819 Thomas Roebuck, one of the College staff, published a similar book entitled *The Annals of the College of Fort William from its Foundation on the 4th May, 1800, to the Present Time*. It contains (p. 586) “a general list of all works patronized or encouraged by the College”. This does not mention Colonel Colebrooke at all. Two Sanskrit works by Judge Colebrooke are referred to, but nothing by him in Hindi or Urdu. There is, however, the following reference to an Urdu translation of the N.T. : “The New Testament translated into Hindoostanee by [Mirza Mohummud Fitrut and] learned natives of the College of Fort William, revised and compared with the original Greek by Dr. William Hunter, Calcutta, in one volume quarto, 1805.” This translation appears in Buchanan’s *College of Fort William*, under date September, 1804, as “in the press” (p. 227). The words in brackets, omitted by Roebuck, are on the title-page. Though the language is Urdu, the character is Nagri. Several copies are in existence.

(c) Buchanan in 1811 wrote *Christian Researches in Asia*, which went through many editions. I have examined the 1st, 1811; 2nd, 1811; 5th, 1812; and 11th, 1819. On p. 2 we read “the first version of any of the Gospels in the Persian and Hindostanee tongues, which were printed in India, were issued from the press of the College of Fort William. The Persian was superintended by Lieut.-Col. Colebrooke, and the Hindostani by William Hunter, Esq.” Here again

nothing is said of a Hindi or Hindustani translation by Colebrooke.

A very important passage occurs on p. 223, n. (1st ed., also later edd.). "There are several Orientalists, who have been engaged in translating the Holy Scriptures. We hope hereafter to see the name of Mr. Colebrooke added to their number. Mr. C. is the Father of Shunscrit literature." The translation here hoped for, as the author goes on to say, was a Sanskrit version of the Pentateuch. This quotation shows us that so late as 1811 Judge Colebrooke had not translated any part of the Bible.

On p. 225 of the 1st ed., p. 251 of the 2nd and 5th, omitted in the 19th, we read: "The first Persian translation was made by the late Lieut.-Col. Colebrooke; and it 'blesses his memory'. Mirza Fitrut furnishes the *Hindostanee*. There is another Hindostanee translation by the Missionaries at Serampore." Fitrut was the principal translator of William Hunter's version; the other is Carey's first (1811) Hindi version.

We see then that in these contemporary works nothing is said about any Hindi or Hindustani translation published by either Colonel or Judge Colebrooke; only Fitrat and Hunter's Urdu Gospels (1805) are mentioned. Nor have I come across any reference in the Serampore letters. It is evident that Hunter's translation has been attributed to Colebrooke and changed to Hindi.

II. THE DATE (1806)

We now ask why was the year 1806 given with such confidence by both DM. and PC.? The answer is not very difficult. In Carey's letter of 14th December, 1803, we are told that the missionaries had begun the Hindi or Urdu translation in 1802, but were not saying anything about it. On hearing Buchanan's story of the Persian and Urdu translations they stated openly what they were doing. On 24th September, 1804, they write "we are waiting to see the Hindoostanee

gospels which are printing at Calcutta for the College. . . . Translations are going on in Persian and Hindoostanee. When we have the advantage of seeing this work we shall probably begin part of the Bible in Hindoostanee". (*Per. Acc.*, iii, 23, 4. The reference is to Hunter's Urdu N.T., which was in the press in September, 1804.) Further, *ibid.*, iii, 242, 2nd June, 1806, "On the application of brother Carey we have been favoured with four hundred Testaments, from the College." (Reference again to Hunter's N.T., pub. 1805.)

It seems clear that the time at which Carey received Hunter's Urdu N.T. has been assumed to be approximately the time of its publication, and that Colebrooke has erroneously been supposed to have been the translator.

III. CAREY DID NOT DELIBERATELY HOLD UP THE PRINTING OF HIS HINDI NEW TESTAMENT IN ORDER TO LEAVE THE FIELD TO ANOTHER TRANSLATION

In Carey's letter we read "About a year and a half ago, some attempts were made to engage Mr. Gilchrist, in the translation of the scriptures into the Hindoostanee language. By something or other it was put by. At this time several considerations prevailed on us to set ourselves silently to work". We may say that they began the translation in autumn, 1802. (*Per. Accts.*, ii, 456.)

At the very end of 1803 they were verbally given to understand that the Gospels had already been translated into Hindustani (*ibid.*). But they continued their own work, for in April, 1804, they write that in the previous year they had engaged in the translation of the N.T. into "Hindoostanee" and Persian; the former was nearly finished (a rough draft, doubtless, *ibid.*, ii, 538). In September, 1804, they are waiting to see the other translation. It was published in 1805 (probably the end), and in 1806 they get 400 copies. On 11th and 18th February (? 1806) Carey writes: "The scriptures are translating into eleven languages, of which six

are in the press, namely . . . Hindoost'hanee" (iii, 333, 4). At the end of 1807 Carey tells of their having printed "the Hindoostanee (new version) to Mark V". (Marsh, *Hist. of Translations of Sacr. Scripts.*, 1812, quotes this as written on February, 1807.) Apparently the term "new version" is used to distinguish it from Hunter's Urdu version. (*Brief Narr. of the Bapt. Miss. in India*, 1813, p. 66.) Two pages further on "the N.T. in the Hindostanee put to press". In the *First Memoir*, 1808, p. 9, they write: "In the Sungscrit Hindee version nearly the whole of the N.T. waits for revision. We have begun the N.T. in the Deva Nagree character, and the book of Matthew is nearly finished." Ibid., p. 22, "The printing of the whole ten [languages] will probably be completed in about four years; less than half that time will probably complete the N.T. in several of these, as . . . Hindee."

November, 1809. "Circumstances principally of a pecuniary nature" have "affected the printing of the N.T. in the Hindoost'hanee language. We have been enabled, however, to complete the better half of it, and hope soon to be able to finish the whole". (*Per. Accts.*, iv, 53.) (End of 1809) "Hindoost'hanee N.T. above half printed. The printing retarded by the same cause" (want of pecuniary support), *ibid.* v, vii. Finally we get "March, 1811. In the month of March, 1811, a N.T. in the Hindee and Mahratta languages have been finished at press". (*Ibid.*, iv, 243). "Hindee or Hindoost'hanee. The N.T. translated and printed" (*ibid.*, iv, 244). "20th August, 1811: The versions already printed and now circulating in India comprise five, namely . . . Hindee" (*ibid.*, iv, 370).

The course of events is plain. They began the N.T. in 1802; in December, 1803, they heard of Hunter's Urdu translation; their own first draft was far advanced in 1804; in September, 1804, Hunter's translation was sent to press; it was ready in the end of 1805; they received copies in 1806, and in the same year or in 1807 sent their version to press;

they had printed half by 1809, but money difficulties delayed them, and it was not ready till March, 1811.

V. CONFUSION BETWEEN HINDI AND HINDUSTANI (URDU)

This is partly responsible for the mistakes that have been made. Carey's 1st ed. of 1811 and 2nd ed. of 1812 are correctly described by both PC. and DM. as Hindi, and the first Urdu translation of the N.T. (omitting Schultze and Callenberg's which hardly counts), that by Mohummud Fitrut and William Hunter, 1805, is rightly given by DM. under Urdu, not Hindi.

Carey himself did not distinguish between the two terms, but realized the difference between the two dialects, calling one Sanskrit Hindi, and the other Delhi Hindi. (The latter name is not quite certain. Rev. David Brown says, in a letter dated 13th September, 1806, that he had received from Serampore MS. specimens of Shanscrit Hindoostanee and Delhi Hindoostanee.) On the English title-page of the 1811 ed. of his Hindi N.T. he called it Hindoostanee, but on the Hindi title-page of both the 1811 and the 1812 edd. he correctly said Hindi. It is true that it is not pure Hindi, but the Urdu words employed are not impossible in Hindi, whereas a very large number of Hindi words are used which could not occur in Urdu. William Hunter's Urdu is pure Urdu, Carey's Hindi is Urduized, and after the 2nd ed. had been exhausted the pure Hindi translation of another Baptist missionary, John Chamberlain, was printed instead of it.

CONCLUSIONS

(1) In 1803 Claudius Buchanan had a conversation in the course of which he learned that the Gospels were being translated into Urdu and Persian. He reported this to Carey and left on his mind the impression that Colonel Colebrooke was the translator. Colonel Colebrooke translated one Gospel into Persian, but nothing into Urdu.

(2) Colonel Colebrooke was confused with Judge Colebrooke who never did Bible translation.

(3) There has been some confusion between Hindi and Urdu (Hindustani), but neither of the Colebrookes translated into either language.

(4) References in Serampore letters to William Hunter's Urdu N.T., 1805, without the mention of his name, have led to further misunderstanding ; it was assumed that Colonel Colebrooke had done them, and he was confused with Judge Colebrooke. The fact that the Serampore missionaries received copies in 1806 has led to the belief that Colebrooke published Gospels in that year.

(5) The missionaries proceeded with their translation. Hearing in September, 1804, that Hunter's N.T. had just gone to press they waited for it. They saw it in 1806 and found it was Urdu. They then went on with the printing of their Hindi version, but were delayed by money difficulties.

(6) *Final Conclusion.*—The first translation of any part of the Bible into Hindi was the N.T. done under William Carey's superintendence and published in 1811.



Does Kharī Bolī mean nothing more than Rustic Speech ?

(Before proceeding to the discussion of the question I would draw attention to the important quotations from Dr. J. B. Gilchrist on pp. 366, 7 below, which show that at least four times in 1803, and twice in 1804, he used the name Kharī Bolī, and tell us in what sense he used it.)

THIS question arises out of some remarks made by Professor Abdul Haq of the Osmaniya University, Hyderabad, Deccan, who, criticizing views on Kharī Bolī (= KB) which I had expressed in my *Hist. of Urdu Lit.*, pp. 5, 8, 9, 13, said :—

hamē is se khushi hūī ki dākṭar ṣāḥab ne is mugāliṭe ko rafa' kiā hai, lekin aṣl galaṭī mē yeh bhī muṭtilā hai : kharī aur kharī kā farq inhō ne bahut ṣahīḥ batāe hai, lekin ma'ne taqriban vohī rakkhe hai jo kharī ke hai, ya'ne muravvaja, 'ām, mustanad (standard) zabān ; aur dūsrā gaṣab kiā hai ki Kharī Bolī ko ek khāṣ zabān qarār diā hai, aur us kī do shākhē batāī hai, ek Hindī aur dūsrī Urdū . . . Kharī Bolī ke ma'ne Hindostān mē 'ām ṭaur par gāvārī bolī ke hai jise Hindostān kā bacca bacca jāntā hai ; voh na koī khāṣ zabān hai, aur na zabān kī koī shākh. (*Urdu*, July, 1933, p. 590.)

“ We are pleased to note that Dr. Bailey has corrected this mistake (made by some Europeans, of confusing *kharī* with *kharī*, T.G.B.), but he too has fallen into what is essentially the same mistake ; for though he has clearly shown the difference between *kharī* and *kharī*, he has given *kharī* almost the same meaning as *kharī*, i.e. current, common, accepted ; and he has made another amazing statement—that KB. is the name of a particular language ; he has further divided it into two branches, Hindī and Urdū. In Hindustān KB. usually means ‘ rustic speech ’, a fact which every child in Hindustān knows. It is not a particular language or branch of a language.”

I must stop here to correct the statement that I have given *kharī* and *kharī* “ almost the same meaning ”. I have never done so. *kharī* means “ unadulterated ” or “ pure ”, and while it may be applied as an adjective to a language, it has never been the name of any variety of speech, whether rustic or not. The word *kharī* means “ standing ”, and when first used of a language appears to have

signified "current". Only it must not be forgotten that it has never been used of any language except that which we know as KB.

That the word does mean "standing", and has nothing to do with *kharī* "pure", is further evidenced by the corresponding words in other Hindī dialects or languages. I am indebted to you, sir (Sir George Grierson) for a reference (in a private letter) to Kāmtā Prasād Guru's *Hindī Vyākaraṇ*, p. 25. We read there that "in Bundelkhaṇḍ KB. is known as *ṭhāṛh bolī*". This word *ṭhāṛh* of course means "standing". Again, Dr. B. S. Paṇḍit, whose native language is Mārvārī, told me that in Mārvārī KB. is called "*ṭhaṭh bolī*", where *ṭhaṭh* has the signification of "standing". We thus have three names for this dialect, and in each case it is called "the standing language".

In *Urdu* for January, 1934, p. 158, Paṇḍit Manohar Lāl Zutshī replies to Professor Abdul Haq, and says he is mistaken, for KB undoubtedly is the name of a language. The Professor in a note on p. 160, rejoins "in my opinion KB means simply the opposite of polished and literary; it is used in that sense to-day, i.e. rustic speech. Lallū Jī Lāl probably used it with the same meaning. European writers have fallen into error about it, saying it is a particular language. The Hindi authors quoted by Paṇḍit Zutshī have merely followed these Europeans".

It will be noticed that by the phrase "in my opinion" and the word "probably" he has toned down his previous statements, but even so the matter rests simply on his assertion; he gives no references and quotes no authorities, nor does he name any of the Europeans who supposedly have misled later generations of Hindi scholars. In matters of *Urdū* his opinion commands respect, for Urdu is his mother tongue, and he has devoted his life to Urdu scholarship; this, however, is a question not of Urdu but of Hindi, and it must be decided from a study of Hindi literature.

In Urdu literature the term has no meaning, for it does not occur; it has practically never been used in an Urdu book, nor is it found in Urdu *taẓkiras* (anthologies). Even Urdu dictionaries rarely contain it. The *Farhang i Āṣafiya*, of which Urdu scholars speak with bated breath, does not mention it. The meaning "rustic speech" which we are told every child in Hindustān knows, is not known to the compiler of the voluminous *Nūr ul Lugāt*, for all he says is "*Kharī Bolī* is conversation in the style and pronunciation of men" (*mard*, men, as opposed to women; T. G. B.); nor is it found in 'Abdu'l Majīd's huge Urdu dictionary, *Jāmī' ul Lugāt*, which explains KB

simply as *mardō kī bolī*, "the speech of men." We see then that the compilers of the two large modern Urdu dictionaries, themselves Indians, have never heard that meaning of KB which we are told every child in Hindustān knows. There is nothing about rustic speech in either.

In modern conversational Urdu usage *kharī bolī* occasionally does mean, not exactly village speech, but uncouth, boorish speech, though the dictionaries know nothing of this. But again we must remark that Urdu usage does not concern us. We are dealing with a Hindi term, and want to know what it signifies in Hindi. In my *History of Urdu Literature* I gave the term its literary meaning, using it exactly as Hindi writers do to-day.

Three points arise :—

(i) Who are the Europeans who have used the name KB ? And in what way, if any, can it be said that they misled Hindi authors who followed them ?

(ii) What have Hindi writers in the last hundred years meant by the name, what do they mean by it now, and what do they think Sadal Misr and Lallū Lāl meant by it ?

(iii) What did Sadal Misr and Lallū Lāl, who were the first Indians to use the term, mean by it ?

(i) The idea that certain Europeans have led Hindi writers astray by their statements about KB is strange. It would have been helpful if Professor Abdul Haq had told us who they are. The fact is that Europeans have rarely mentioned the name.

I have recently made the very interesting discovery that Dr. John Gilchrist used the term KB at least four times in 1803, the first year in which any Indian is known to have used it, and twice in the year following. He therefore shares with Sadal Misr and Lallū Jī the honour of priority. In fact, as he wrote the name four times in 1803, and they only once, he deserves it perhaps even more than they.

What happened is clear. He was Professor in the College of Fort William for four years, and for nearly the whole of this time Lallū and Sadal Misr worked with him. He learned the name from them, and in his daily intercourse with them had every opportunity of finding out its exact meaning. He often spoke of Hindustani as the colloquial speech of India or the grand popular language of Hindustān. He said on several occasions that it had various styles. The court or high style was Urdu, full of Arabic and Persian. At the other extreme

was the "pristine or rustic idiom of that extensive language indefinitely called Bhasha", while between them came KB. He has told us further that in order to facilitate the transition from Urdu to Bhasha he had caused a KB version of *Sakuntalā* to be prepared.

The state of affairs, as he saw it, was this. In the towns, especially those with a large Muḥammadan population, Urdu was the ordinary spoken language, in the villages some variety of Bhasha, while KB or even simple Hindustani, was the language which appealed to Hindus, particularly those away from Muslim centres. KB, owing to its avoidance of Arabic and Persian words was compelled to use words derived from Sanskrit which were familiar to the rural population. Gilchrist states that the desire to teach these words to his students was one of the reasons for bringing out books in that dialect. To this extent it has, as compared with Urdu, a rural appearance.

There does not, however, seem to be any evidence that in those days the words *kharī bolī* in themselves meant village talk. In no books of that or any other period do we find such expressions as "the *kharī* talk of Bengal or Madras or the Panjab or of English villages"; one does not find "so and so has a *kharā* pronunciation" or "his conversation is very *kharī*". Now if *kharā* (fem. *kharī*) meant simply *gāvārī*, rustic, one ought to be able to say all these things. The fact is that Hindi writers always used KB as the name of a dialect, and Urdu writers never used it at all.

The testimony of Gilchrist's *English-Hindustani Dictionary* (1786, 2nd ed., 1810; revised 1825) is important. Under "country" he has the entry "the language of the country, opposed to the town *bahur kee bolee*"; under "colloquial" it has (1810 ed.) *rozmurru moohavuru*. In neither case is *kharī bolī* given as a translation, nor do we find it under words like rural, rustic, etc. So far as I know, it does not occur anywhere in the dictionary or in any of the many vocabularies which Gilchrist prepared, though *kharā* with the common meaning of "standing" is frequent.

Similarly in the numerous English-Urdū or English-Hindi dictionaries which have been published, one never finds rustic, rural, or country speech translated by *kharī bolī*.

As Gilchrist's early references to KB are of great interest, I quote them here:—

(1) *The Hindee Story Teller*, vol. ii, 1803, p. ii: "Many of those (stories) are in the Khufee Bolee or the pure Hinduwee style of the Hindoostanec, while some will be given in the Brij Bhasha."

(2) The *Oriental Fabulist*, 1803, p. v. : "I very much regret that along with the Brij B,hasha, the *Khuree bolee* was omitted since this particular idiom or style of the Hindoostanee would have proved highly useful to the students of that language."

(3) ib. "the real K,huree bolee is distinguished by the general observance of Hindoostanee Grammar and nearly a total exclusion of Arabic & Persian."

(4) ib., p. vii : (The learner) "will find another specimen of the K,huree bolee in the *Story Teller*, p. 24."

(5) The *Hindee-roman Orthoepigraphic Ultimatum*, 1804, p. 19 (foot) : "Another version of Sukoontala in the K,huree Bolee, or sterling tongue of India. This differs from the Hindoostanee merely by excluding every Arabic & Persian word."

(6) ib., p. 20 (foot), 21 (top) : "The Prem Sagur, a very entertaining book, rendered with elegance and fidelity from the Bruj B,hasha into the K,huree Bolee by Lalloo Jee Lal expressly to effect the grand object of teaching our scholars the Hindoostanee in its most extended sense, and with proper advantages among the grand Hindoo mass of the people at large in British India."

Gilchrist always marked in one way or another the cerebral *r* which occurs in the name *Khārī Bolī*.

In 1814, Lieut. William Price published a "K,huree Bolee and English Vocabulary of all the principal words occurring in the Prem Sāgar" of which the Directors remarked "these (words) are in constant use in other K,huree Bolee and Bhakṣa compositions". Although the name KB occurs in the Introduction to the *Prem Sāgar*, it is not given in the vocabulary. The only meaning given to *kharī* is chalk, a signification, which, so far as I remember, is not to be found in the *Prem Sāgar*.

This vocabulary was reprinted in *Hindoostanee Selections*, 1827, 2nd ed. 1830.

The next whom one should quote is Garcin de Tassy. In his *Hist. de la Litt. Hindouie et Hindoustanie*, 1st ed., vol. i, p. 307, he says that Lallū's Prem Sāgar was "non pas en urdū, mais en khārī-bolī ou thenth, c'est-à-dire en hindoustani pur, en hindoustani hindou de Dehli et Agra, sans mélange de mots arabes ni persans." This is a paraphrase of Lallū's own words, but, mistaking *kharī* for *khārī*, he interprets it of Lallū's phrase "omitting Arabic and Persian words", thinking that it means "pure language". G. de T. does not mention *Khārī Bolī* at all, but speaks of *khārī*, "pure," i.e. without *mlecch*

“unclean”, words of non-Sanskritic origin. He wrote the words quoted (and almost the same words on p. 1 of the Introduction) in 1839, and repeated them in 1870; as they were French, not English, the confusion between *kharī* and *kharī* passed unnoticed in India.

Eastwick, in his vocabulary, 1851, says that *kharī bolī* means *kharī bolī* “pure language”.

Platts, *Urdu. Dict.*, 1884, under *kharā* has “*kharī bolī*, vulgar *kharī bolī*, pure language”.

The language which Hindi authors call KB English writers prefer to call High Hindi or Classical Hindi, names which correspond to nothing in Hindi itself.

(ii) The name KB is Hindi; the first Indians to use it were, as we shall see below, Lallū Jī Lāl in 1803 and 1818, and Sadal Misr in 1803; it is in constant use now by Hindi writers. We are therefore bound to ascertain what they mean by it. The Urdu meaning, if any, does not matter.

Have any of them given it the sense of rustic speech? If so, when and where? For many years after the time of Lallū and Sadal Misr they did not employ it at all. The first I know of to use it since those days was Rājā Śiv Prasād in his Introduction to *Hindi Selections*, 1867.

He regarded it as essentially artificial and literary; in fact, he says that Lallū Jī, though he strove to preserve its literary character, yet failed sometimes to exclude the Braj village words to which he was accustomed in his own speech. His words are: “Whether this new dialect, the Prakrit enriched with Persian and Arabic words, be called Hindī or Hindustānī, Bhākhā, or Braj Bhākhā, Reḷhta or Khari Bolī, Urdū or Urdū-i-Muaḷlā, its seeds were sown here by the followers of Mahmūd of Ghuznee” (op. cit., p. vi).

On p. xi he goes on: “When Dr. Gilchrist asked Mīr Amman and Lallū jī Lāl Kavi, to write some vernacular books in prose, they must have felt themselves very puzzled: it was quite a new thing to them. They wrote, but they both wrote in an artificial language.” Six pages further on, p. 17, he says: “Lallūjī has not allowed foreign words, Persian or Arabic, a place in his book (*Prem Sāgar*, T. G. B.), but he could not so well keep clear of the patois of his native place Agra.” He has the same statement, but in Hindi, on p. 32, of Part I of his *Nayā Guḷkā*, 1900 ed., first published 1867, “he wrote in the *kharī bolī* of Agra; although he excluded Persian and Arabic words, he was not able to keep out Agra village words.”

By Hindi writers the name KB is given to a particular language

or dialect, viz. that form of Hindi which is used in every-day Hindi prose (and increasingly in verse), the Hindi which we find in all Hindi magazines, in translations such as the Hindi Bible, scientific works and all school books. This fact is so well known that proof is hardly necessary. In an article (*JRAS.*, Oct., 1926, pp. 717-723) I mentioned and quoted twelve Hindi authors to this effect. This is the ordinary meaning of KB, but the Urdu language itself is sometimes spoken of as a branch of it. KB is contrasted with Braj, Avadhī, and other Hindi dialects.

There is no need to labour this point ; I will content myself with one or two further quotations, to illustrate what they mean by KB, and to show that they do not think of it as rustic.

The Miśr Brothers in *Miśr Bandhu Vinod*, vol. i, p. 119, say that "Sītal (A.D. 1723) wrote all his poetry in KB". Sital's language is far removed from rustic speech.

Badri Nāth Bhaṭṭ in *Hindī*, p. 31, after mentioning that he lives within twenty yards of Lallu's old home in Agra, says that every Hindu household in Agra city speaks the same language as Lallu's in *Prem Sāgar*, the only difference being that which naturally exists between literary language such as Lallu's, and conversational speech, such as is heard in the Hindu homes. He calls Lallu's KB literary, not rustic.

The best known of modern Indian writers on Hindi literature and languages, Shyām Sundar Dās, says in *Hindī Bhāṣā kā Vikāś*, p. 54, "between 1250 and 1450 A.D. the older Hindi dialects gradually assumed the form of Braj, Avadhī, and KB," and on p. 55, "KB was used for poetry not only by Musalmāns but by Hindus also."

Ramā Śankar Prasād in *Hindī Sāhitya kā Sankṣipt Itihās*, p. 128, writes "Sadāl Miśr and Lallū wrote in KB mixed with Braj bhāṣā". He thus contrasts Braj and KB as two distinct dialects.

There is an important reference in Ramā Kānt Tripāṭhī's *Hindī Gadya Mīmāṃsā*, p. 33 of Introduction, "the language of the *Prem Sāgar* is adorned to this extent that all through it there is the splendour of Braj bhāṣā. Not only so, but it is characterized by a great pomp of words and by poetical style ; it is not the plain idiomatic language of conversation, but poetical prose."

From these quotations and from those in the article referred to (*JRAS.*, Oct., 1926), and indeed from the works of any Hindi author who writes on the literature, it is plain that KB is regarded not as rustic speech, but as a dialect of Hindi, and practically all Hindi writers would deny Śiv Prasād's statement that it was artificial.

(iii) We come now to the important question : What did Sadal Misr and Lallū Jī mean when they said in 1803 that they were translating into KB ? Did they mean “ into rustic speech ” ?

Sadal Misr in the Introduction to his *Nāsiketopākhyān* says : “ Some people cannot understand the *Nāsiketopākhyān* because of its being in Sanskrit, so I have translated it into KB.”

Let us recall the facts. Lallū belonged to Agra, Sadal Misr to Arrah (Ārā) in Bihār, 450 miles away. To get from the former to the latter we must leave the Braj area where Agra is situated, pass through the country where Bundelī and Kanaujī are spoken, into the Avadhī country, and finally after entering Bihār traverse the Bhojpurī region to a few miles west of Patnā, the capital. The only rustic speech Sadal Misr knew was that of his native Arrah and the country round it ; it was entirely different from that of Agra ; the former was Bihārī, the latter Braj, and the whole country of still another language, Avadhī, lay between. Rām Candr Śukl in his *Hindī Bhāṣā aur Sāhitya* (at the end of the *Śabd Sāgar*, p. 210, also published separately) tells us that KB in those days and previously was the language of educated and polite conversation among Hindus from Delhi to Bihār. It is interesting to note that Sadal Misr, though he lived so far from the real home of KB, wrote it better than Lallū who lived very near it. Lallū's is too much tinged with his native Braj. The style of both men, though simple, was literary, not rustic.

A dozen or so years earlier Sadāsukh Lāl, of Delhi, a man learned in Arabic, Persian, Urdu, and Hindi, wrote KB still better than Sadal Misr and Lallū. He wrote just the straightforward Hindi which he was accustomed to talk to his educated Hindu friends, at least on formal occasions.

We turn now specially to Lallū Jī. In the introduction to his *Prem Sāgar* he stated that avoiding Arabic and Persian words, he had told the story *Dillī Āgre kī KB mē*, in the KB of Delhi and Agra. Did he mean “ rustic speech ” ? The rustic speech of the district round the two towns was different. The people round Delhi spoke what we now call KB, those round Agra, 120 miles away, spoke Braj. If he had written in the rustic speech of the former it would not have been the rustic speech of the latter. Secondly, like Sadal Misr, he is literary not rustic. It is true that he sometimes failed to exclude Braj words and forms (perhaps he never tried), but Braj forms are not KB ; indeed, we have seen above that KB is contrasted with Braj.

Fifteen years after the *Prem Sāgar* Lallū Jī wrote the *Lāl Candrikā*,

a commentary on Bihārī's *Satsaī* ; this was also in KB, and showed less Braj influence. In the Introduction he distinguishes three dialects in which he had written books, viz. Braj, KB, and Rekhte kī Boli (i.e. Urdu). In his Braj and KB books he usually endeavoured to avoid Persian and Arabic words, but in the Introduction just mentioned he used them rather freely.

CONCLUSION

We may sum up by saying :—

(i) KB is a Hindi term, and its meaning must be sought in Hindi writings.

(ii) By KB Hindi authors always mean a dialect, often, though not always, a highly polished and literary dialect.

(iii) It is difficult to believe that KB means rustic talk, for if it did it could be used of the village talk of any part of the world, and one never hears this meaning given to it.

(iv) There is no proof that any European writer has misled Hindi authors as to the meaning of KB.

(v) There is a little evidence that in conversational Urdu KB sometimes means boorish and possibly uneducated speech, but this is not supported by Urdu dictionaries whether compiled by Indians or by Europeans.

(vi) The early KB writers, Sadāsukh, Lallū Jī, and Sadal Mīr did not write in a rustic style.

THE USE AND MEANING OF THE TERM KHARĪ BOLĪ

I. THE USE OF THE TERM

Kharī Bolī is used by Indian literati of to-day to mean (a) modern literary Hindī, including, as an admissible but unusual extension of the meaning, the Urdu language, (b) speech of the Hindustānī type from the earliest times when Persian and Arabic words were few to the present day when they are numerous, and (c) fragments in prose or verse which occur from time to time in writers from Amīr Khusro onwards and show a similar type of speech. The name first appears in 1803; see below.

Confining ourselves to the strictly Hindī area, and omitting the outlying languages Southern Panjābī, Rājputānī, Avadhī, and the Himalayan dialects, we may divide Hindī into two main dialects—Braj and Kharī Bolī. Braj is important chiefly on account of its past. For centuries it was the principal medium of poetical composition, but for the last 125 years it has been less and less employed, and since educated Hindus are to an ever-increasing extent speaking Hindustānī in everyday life, varying it with a more Sanskritic kind of Kharī Bolī in special *sabhās* and *sammelans*, Braj may for them become nearly as exotic in poetry and unknown in prose

as Persian is for the inhabitants of Delhi and Lucknow. Kharī is important as the language of the present and the future. We need not refer to specifically Urdu literature, but Kharī in the form of Hindustānī with dialectic variations in villages and towns has so extended its range that it may be called the national speech of north India and part of south India. In prose it has long ousted Braj and now stands alone, appearing generally as Hindī, but sometimes as Hindustānī, while most Hindī poets express themselves in it to-day, though some of them write in Braj also.

For years there has waged a controversy in India over the respective merits of the two dialects as the vehicles of Hindī poetical thought; the question is frequently discussed in literary gatherings, and comes up constantly in books and periodicals. In this connexion Kharī Bolī and Braj are used as their generic names. Indians usually say *Kharī Bolī*, but one may also find *Kharī Bolcāl*, or simply *Kharī*, or again, *khare rūp mē*, where we should say "the language in its Kharī form". A few quotations taken from present-day Hindī writers will be of interest in showing how modern thought regards the matter.

Ayodhyā Sih Upādhyāy: खड़ी बोलचाल में मुझ को एक ऐसे यंत्र की आवश्यकता देख पड़ी जो महाकाव्य हो . . . आजकल के खड़ीबोली के रसिक व्रजभाषा की कविता से घबराते हैं . . . समय का प्रवाह खड़ी बोली के अनुकूल है (Introduction, *Priyapavās*, pp. 2, 24, 25.)

Paṇḍit Mannan Dvivedī, who does not like Kharī, says: खड़ी बोली को कविता पर हमारे लेखकों का समूह टूट पड़ा है। हमें तो काव्य के गुण इन में बहुत कम जंचते हैं ॥ (*Maryyādā*, 1923, p. 99).

Vraj Ratn Dās writes in his Introduction to *Khusro*: अब कुछ वर्षों से खड़ी बोली का आन्दोलन मचकर हिन्दी गद्य और पद्य की भाषा एक ऊई है

Kṛṣṇ Bihārī Miśr, not a brother of the well-known triumvirate, in an article on Nāthū Rām Śaṅkar's poetry,

says : वर्तमान समय में खड़ी बोली में जो कविता होती है उसके प्रधान महारथियों में चार सज्जन बङ्गत प्रसिद्ध हैं ॥ (*Sarasvatī*, January, 1923, p. 128).

Śrī Dhar Pāṭhak, the popular poet, in advertising his poems is careful to mention the language in which they are written, thus Braj or Khaṛī Bolī or Sanskrit or misrit, i.e., Khaṛī and Braj.

A young poet, Lakṣmī Dhar Bājpeyī, writes : जब तक खड़ी बोली की कविता में संस्कृत की ललित-वृत्तों की योजना न होगी तब तक भारत के अन्य प्रान्तों के विद्वान उस से सच्चा आनन्द कैसे उठा सकते हैं ? (*Meghdūt*, Introduction, 1911, p. 3).

The brothers Gaṇeś and Śyām and Śuk-Dev Bihārī Miśr give as follows the languages chiefly used by the Hindi writers of different periods : 1733–1832, ब्रज, अवधी, खड़ी कुच्छ : 1833–68, ब्रज, खड़ी : 1868 to date, खड़ी, ब्रज कुच्छ ॥ Candr Dhar Gurelī says : मुसलमानों में बङ्गतों के घर की बोली खड़ी कोलो है ॥ He likes punning, for he remarks : पड़ी भाषा को खड़ी बनाकर etc., but, indeed, Śyām Sundar Dās also puns when he denies that उर्दू के आधार पर हिन्दी खड़ी ऊई है. This last-named author asserts in another place खड़ी बोली का प्रचार उसी समय से है जब से अवधी या ब्रज भाषा का है ॥ Both quotations are from *Bhāṣā Vidyān*.

In a recent examination set by an Indian for Indians the following question occurred : “ What are the outstanding features of modern Khaṛī Bolī poetry ? Is Khaṛī Bolī in any way superior to Vraj Bhasha ? ”

The foregoing quotations from a dozen Indian authors will suffice. They could be indefinitely multiplied.

II. WHAT IS THE AGE OF KHARĪ ?

The answer to this will depend on the date we assign to the death of the Apabhṛāś dialect which preceded it. If we regard its Apabhṛāś progenitor as dead in the twelfth century, we may say that Khaṛī was alive in the eleventh century or earlier. In its narrowest sense it was the language of the tract between Delhi and Merāṭh, as Braj was of the parts round Mathurā

and Brindāban, but both extended far beyond these regions. As a spoken language Kharī soon became much more important than Braj, for the headquarters of the Persian speaking court were within its borders, and when the courtiers spoke to the people in the vernacular, they naturally spoke Kharī, not Braj. Its importance was increased as the Muhammadans made new conquests and took the newly acquired language with them. And Urdu literature still further added to its importance, for Urdu, especially in its simpler form, is only a variation of it. When finally in the nineteenth century the so-called High Hindī was fully developed there were three forms: the Hindu literary Kharī for Hindus, the Muhammadan literary Kharī (i.e. Urdu) for Muslims, and the vernacular Kharī (i.e. Hindustānī) for both. Its triumph was overwhelming. A threefold cord is not quickly broken.

Literary Kharī has existed since the time of Amīr Khusro in the thirteenth century. About 1,000 lines of his Kharī verse have survived; some would make the amount much greater, while some supercritics would deny the authenticity of nearly all of it. To disprove is as impossible as to prove, and I am content with the conviction that, though it is difficult to be sure of the genuineness of any particular couplet, such a quantity of verse, so different from anything else handed down to us, must contain not a few lines which remain approximately as Khusro wrote them. The great poet Bhūṣaṇ, born about the time of the death of Shakspeare, wrote some Kharī in his Śiv Rāj Bhūṣaṇ, of which the subjoined quotation may be taken as a specimen; parts of his Śivā Bāvanī, too, have very much the feel of Kharī, for Kharī forms occur in lines which are otherwise Braj.

पंख हवारिन बीच खड़ा किया मैं उसका कुछ भेद न पाया ।
 भूषन यों कहि चौरंगजेव उजीरन सों बेहिसान रिसाया ।
 कम्मर की न कटारी दर्ई इसलाम ने मोसलखाना नचाया ।
 जोर सिवा करता अनरत्व भसी भई हत्व हप्पार न चाया ।

The earliest known Kharī prose is in Gang Bhāt's book *Cand Chand Barnan kī Mahimā*, 1570, and in the prose portions of Jatmal's *Gorā Bādāl kī Kathā*, 1623.

III. WHAT IS THE MEANING OF KHARĪ ?

The earliest explanation that I know of is Garcin de Tassy's in 1839. He writes: "On nomme thenth ou khârî boli (pur langage) l'hindi, sans mélange de mots persans et arabes" (*Littér. Hind.*, 1st ed., vol. i, p. iv). Here *kharī*, standing, is altered to *khārī*, bitter, and explained as *kharī*, pure; p. 307 has "en kharî boli ou thenth, c'est-à-dire en hindoustani pur, en hindoustani de Dehli et d'Agra, sans mélange de mots arabes ni persans". 2nd ed., 1870, has *khârî* in both places.

In the anonymous vocabulary of "important words in the Prem Sāgar", 1831, the word *kharī* is not considered important enough to be mentioned. Eastwick, 1851, in his vocabulary, gives the word correctly *kharī*, but follows Garcin de Tassy as to its meaning, saying "here it is equal to *kharī*".

Platts, under *kharā*, gives "*kharī bolī* (vulg. *kharī bolī*). pure language or idiom". The addition "vulgar" is delightful, condemning as it does every Indian writer who has referred to the subject.

The name *kharī bolī* (as distinct from *kharī bolī*), with its explanation "pure language", seems to be a European invention. I do not think any Indian author has used the term. Indians invariably say "*kharī*", and there appears to be no authority for the statement that "*kharā*" ever means "pure". So far as I know the word has always been printed खड़ी (or खड़ी in books which do not print the dot). It is so printed in editions of Lallū's *Prem Sāgar*. In the preface to that work he writes (A.D. 1803):—
 ओ लख्खी लाल ने विसका
 सार के यामनी भाषा छोड़ दिनी आगरे की खड़ी बाली में कह
 नाम प्रेम सागर धरा ॥

The word *viskā* refers to Catur Bhuj Dās's translation from the Sanskrit. This preface is dated Śivat, 1866. i.e. A.D. 1809, but it was a revised preface. The original preface, which also

contained the reference to Kharī Bolī, was written *and printed* in Sāvāt, 1860 (in some later editions wrongly given as 1830), i.e., A.D. 1803. The incomplete editions of 1803 and 1805 both have the preface with the word printed खड़ी. The complete 1810 edition, which does not use dotted ड, has खडो. No edition that I have seen has खरी.

The fact that ड in some dialects corresponds to र in others, and *vice versa*, does not here concern us. खड़ी is the only form used by Indians. There is no variation either dialectic or accidental.

Sadal Miśr, in the preface to his *Nāsiketopākhyān*, 1803, says : अब नासिकेतोपाख्यान को देववाणी से कोई कोई समझ नहीं सकता, इस लिये खड़ी बोली में किया

It will be noticed that while Sadal uses the term as a *name* or almost a name, well known and not requiring explanation, Lallū uses it rather as a description, “the *kharī* speech of Delhi and Agra,” by Agra meaning apparently Agra City of which he was a native, for the district round spoke Braj. The two references taken together suggest that the name Kharī Bolī, though established by 1803, had recently come into use. It would be interesting to know whether any earlier instance of the word can be found. The Nāgarī Pracārīnī Sabhā in a private communication assures me that nothing earlier is known. I have not noticed the name in Inshā Allāh’s fascinating writings on Urdū and Hindī.

An Indian scholar suggested to me that *kharā* refers to the common -ā ending of Kharī as contrasted with the -o or -au of Braj, but I do not feel able to accept this.

My own explanation is that the word means simply “standing”, then “existing”, “current”, “established”, and that at first they *described* the dialect, as Lallū does, loc. cit. It was “the current language of Delhi or Merath” or other large towns, and after a time it became “the current language” *par excellence*, as in Sadal Miśr. Lallū probably stretched a point when he mentioned Agra City as Kharī

speaking, for in those days it probably leaned towards Braj as his own Kharī prose does.

Hindī writers contrast Kharī with Braj and Avadhī more than with Urdu. To them Kharī means naturally the less Persianized form, but they would regard Urdu as a mere variety.

KHARĪ BOLĪ

In *JRAS*, October, 1926, p. 721, I mentioned that no Indian writer employed the term *Kharī Bolī* for *Kharī Bolī*. It has occurred to me that to avoid possible confusion in any one's mind, it would be well to refer to the late Badrī Nārāyaṇ Caudhri's remarks on the subject. For him linguistic patriotism was a religion. He believed that the threefold division of creation into gods, men and demons held in other spheres also. The one true religion is Hinduism, the one true language Sanskrit with minor modifications. Language, too, has its threefold division : (1) *Brāhmī*, *Devvāṇī*, or *Vedbhāṣā*, the language of the gods ; (2) slightly modified it is *vaidīk apabhrās*, *mūlbhāṣā* or *narvāṇī*, i.e. Hindī, but he calls it simply *bhāṣā* or *nāgarī* ; further deteriorated it is Marāṭhī, Bengali, etc. ; (3) leaving India it becomes *āsuri*, *rākṣasī* or *paśācī* in other languages.

He said *bhāṣā* had two forms, Braj for poetry, and *bol cāl kī bhāṣā* for prose ; but he disliked all names. " Don't say *Hindī*," he cried,¹ "*Hindī* is a foreign word ; don't say *Kharī Bolī*, there is only one *bhāṣā* ; you may call it *kharī* if you like, for it alone is pure, for it differs very slightly from the original *Devvāṇī*" (summarized from his speech).

It will be seen that the Caudhri's picturesque and patriotic use of the word *kharī* does not conflict with the statement in my article.

HINDI PROSE BEFORE THE NINETEENTH CENTURY

THE early literature of the Hindi group of languages, that is the literature written in Avadhī, Bihārī, Rājputānī, and Hindi proper, was largely poetical, and prose was rare. In the beginning of the nineteenth century Lallū Jī Lāl and Sadal Miśr entered Dr. Gilchrist's service and at his suggestion translated some early works into modern vernaculars. The works selected were chiefly Sanskrit, and they were translated into Braj or *Kharī Bolī*. Lallū Jī is the better known of the two, but he was not a pioneer, nor was his example followed. For nearly fifty years after he wrote, nothing of real merit was produced in *Kharī*. The practical founder of modern Hindi prose, the man who gave it its impetus and started it on its career of prosperity, was Hariś Chandar. A somewhat exaggerated emphasis has been placed on Lallū's and Sadal Miśr's translations, and this has resulted in a lack of perspective. Lallū has been acclaimed as the "Father of Hindi prose". The title is inaccurate, and has been made the subject of protest. One Hindi writer, in complaining of his being called the "Creator of *Kharī Bolī*", maintains that such an idea is entirely erroneous, and remarks that before his books were brought out Sadā Sukh Lāl and Inshā Allāh were writing in straightforward Hindi. He adds, in an amusing aside, that they wrote on their own initiative and not at the behest of another. He also criticizes Lallū's style as being too much tainted with Braj idioms and poetical turns of expression. Sadal Miśr he regards as Lallū's superior.

Hindi prose has existed for centuries, some would say for nearly six hundred years, and there are about thirty known writers of prose before Lallū Jī, several of whom wrote in *Kharī*. There may have been many more.

Attention should be drawn to another point. It is unfortunate that many authors have written of translations (e.g. Prem Sāgar, Rājnīti, Śakuntalā) as if they ranked with original compositions. This is damaging to the reputation of Hindi literature. A similar mistake has not been made in the case of Urdu. We may be sure that in no language would more than perhaps one translation in a thousand, or even many thousands, be considered worthy of mention in a history of its literature unless that literature were deficient in writers of ability.

The following list, including the dates, has been taken from Hindi sources. Students of Central Indian languages may be glad to have it in a convenient form. It goes without saying that some of the dates are open to reconsideration, but certainty will probably never be attained.

The earliest Hindi prose composition is to be sought in the deeds of gift of early rulers. It is difficult to be sure of their genuineness. The Nāgarī Prachārīṇī Sabhā, in its search for early MSS., found a number of these deeds which, if authentic, take us back to the eleventh century. Confining ourselves to regular composition, we have the following prose writers who preceded Lallū Jī.

1. Gorakh Nāth, the father of Hindi prose. Keay speaks of him as a semi-mythical person living about A.D. 1200, but Śyām Sundar Dās gives his date as 1350. In this he is followed by the Miśr brothers, by Greaves, and by Vraj Ratn Lāl, all of whom favour the middle of the fourteenth century. An extant prose work in the Braj dialect is attributed to him, but it may have been written by his followers. We are much in the dark, and to deny his authorship is as useless as to affirm it. It is noteworthy that Avadhī was not favoured for prose writing. Gorakh Nāth lived far to the east, but this book is in Braj.

The next known extant prose work dates from the sixteenth century, two hundred years later.

2. Viṭṭhal Nāth, 1515–85, son of Vallabhāchārya, wrote in Braj a book entitled *Sringār Ras Maṇḍan*.

3. Gokul Nāth, son of Viṭṭhal Nāth, flor. 1568, wrote the famous "*Chaurāsī (Vaiṣṇavō kī) Vārtā*" and "*Do sau bāvan Vaiṣṇavō kī Vārtā*". These are devoted chiefly to stories of his grandfather's followers. He probably wrote the *Ban Yātrā*, though the Miśr brothers say it was written by Mahā Prabhu Jī, i.e. Vallabhāchārya. All three are in the Braj dialect.

4. Nand Dās, after the middle of the sixteenth century, was the best known of the four members of the Aṣṭ Chhāp who were attached to Viṭṭhal Nāth. His greatest title to fame is that he was probably Tulsī Dās's brother. He wrote two prose works in Braj, which are not extant.

5. Hari Rāy, a contemporary of Nand Dās, produced three prose works.

6. Gaṅg Bhāt, 1570, has the distinction of being the first prose-writer who used *khaṛī bolī*. He has left a 16-page book called *Chand Chhand Barnan kī Mahimā*.

7. Before 1614 : a Sanskrit treatise on astrology named *Bhuran Dīpikā*, is accompanied by a commentary in *bhāṣā*. The author is unknown. The MS. bears the date 1614, the composition itself cannot be later, but may be earlier.

8. Jaṭmal, 1623, is the author of *Gorā Bādal kī Kathā*, telling of Ratn Sen, Padmāvatī, Gorā and Bādal. It is poetry with a large admixture of prose in *khaṛī*. Jaṭmal is therefore, so far as our knowledge goes, the second writer of *khaṛī bolī*.

9. Manohar Dās Nirañjanī, about 1650, wrote *Gyān Chūrṇ Vachnikā*, in Braj prose.

10. Jasvant Singh, Mahārājā of Jodhpur, 1625–81, the famous writer on poetic style, was the author of a prose work called *Prabodh Chandroday Nāṭak*.

11. About 1658 Jagjī Chāraṇ produced the *Ratn Maheśdāsot Vachnikā*, in which he extolled the bravery of Ratn Singh Maheśdāsot, Rājā of Ratlām.

12. In the same year, 1658, Dāmodar Dās, the Dādūpanthī, wrote in Rājputānī prose a translation of the Mārkaṇḍeya Purāṇ.

13. In 1663, unknown author : prose translation of the Yogvāsīṣṭh.

14. Seventeenth century, date usually given as 1680 ; Baikunṭh-maṇi Śukl wrote two works, *Vaiśākh Māhātmya* and *Agahan Māhātmya*. These are in Braj poetry, but contain much Kharī prose. The Miśr brothers say they are in Braj prose.

15. Bhagvān Dās, 1699, translated the Gītā into prose under the name of *Bhāṣāmṛit*. The Miśr brothers refer to this work as “kavitā”. This may be an oversight.

16. Surati Miśr flor. probably during the first third of the eighteenth century, though he has been put earlier, translated the *Baitāl Pachīsī* from Sanskrit into Braj prose. This was done at the command of Mahārājā Jai Singh.

17. Ajīt Singh, 1680–1724, son of Mahārājā Jasvant Singh, mentioned above, is known to have written a work named *Gunṣār*, partly in verse and partly in prose. It is an account of Rājā Sumati and Rānī Satyarūpā. His language is a mixture of Braj and Rājputānī, the former predominating.

18. Debī Chand, 1720, a translation of *Hitopdes* in Braj prose.

19. Unknown author, a MS. dated 1720, containing a work in Braj prose called *Kṛiṣṇ jī kī Līlā*.

20. An unknown author, about 1719 ; translated into Hindi a Persian translation of the Upaniṣads.

21 and 22. Lalit Kiśorī and Lalit Mohinī, 1743, joint authors of a 46-page book in Braj bearing the title *Śrī Śvāmī Mahārāj jū kī Bachnikā*. The Mahārāj here referred to is the sixteenth century religious leader Hari Dās, to whose sect the authors belonged.

23. Amar Singh Kāyasth, latter half of eighteenth century, wrote *Amar Chandrikā* in verse and prose mixed. This is a commentary on Bihārī's *Sat Saī*.

24 and 25. Agr Nārāyaṇ Dās and Vaiṣṇav Dās, in the end of the eighteenth century, wrote jointly a prose commentary on Nābhā Dās's and Priya Dās's *Bhaktmāl*. The Miśr brothers do not mention the fact of their joint authorship or allude to prose writings. They say that Agr Nārāyaṇ wrote the *Bhaktras Bodhinī Tīkā*, explaining that it is a commentary on the *Bhaktmāl*. They give the same name to a work by Vaiṣṇav Dās without the explanatory remark, and they leave the reader to understand that there is no connexion between the two. Vraj Ratn Lāl states that their book exists in two MS. copies, one dated 1772 and called *Bhaktmāl Prasāṅg*, the other dated 1787 and called *Bhakti ras Bodhinī*.

26. Bakhteś, 1765 or 1771, wrote a commentary on the *Rasrāj*, an erotic work by Matī Rām Tripāthī, which discusses various kinds of lovers, both men and women, especially women. The Miśr brothers mention only this commentary among the works of Bakhteś, and say that he wrote charming poetry.

27. Śer Singh, killed in 1793, son of Vijay Singh, who was King of Mārvār, wrote a mixture of verse and prose in a work entitled *Rām Kṛiṣṇ kā Jas*. The date was approximately 1789, and the language used Mārvārī.

28. Kaibāt Sarbariya, about 1797, was author of *Anant Rāy* (or *Ānand Rām*) *kī Vārtā*, which contains both prose and verse.

29. Sadā Sukh Lāl wrote many articles in Khaṛī. Unfortunately none of his books are extant. He was about a quarter of a century before Lallū Jī.

30. Inshā Allāh Khān, the only Muhammadan in the list, wrote before 1809 *Rānī Ketakī kī Kahānī* in "ṭheṭh Hindī", a somewhat peculiar variety of Khaṛī. This appeared before the Prem Sāgar.

31. Sadal Miśr, 1773-1848 : his chief work was *Chandrāvātī*, 1798, a translation of the Sanskrit *Nāsiketopākhyān*. His other prose works are not extant.

Of the prose writers of the early nineteenth century it has been said that Inshā Allāh was Venus, Sadal Miśr dawn, and Lallū Jī morning.

INTERESTING GENITIVE PREPOSITIONS IN
RĀJASTHĀNĪ.

In the fine ballad *Ḍholā Mārū rā Dūhā*, recently published (see review on another page in this number of the *Journal*) occur eight instances of *sandāũ*, *handāũ*, and *hundāũ*, which we may translate "of". Following R. L. Turner we may derive the first and second from *sant*, and the third from *bhavant*, not forgetting, however, his remark that "-nt > -nd" is a development unusual in Rājasthānī.

They are to be connected with Kashmiri *sandũ* and *handũ*, which are pronounced *sund* and *hund*, for in Kashmiri an unstressed *a* followed by u-mātra is pronounced *u*.

The following are the lines in which the words occur. The numbers indicate the dohas :—

61 *sajjan sandāi kārāṇāi hiyāũ hilūsāi nitt.*

because of the loved one, the heart is always eager.

556 *lahrī sāyar sandiyāũ vūthāũ sandāũ vāo.*

the waves of the sea, the wind after rain (lit. the wind of rain).

Here one would expect *vūthāi*, but the ballad is not over anxious about grammar.

656 *bālāũ bābā deṣṛāũ pāṇi sandi tāti*

I would burn up, father, a land (which has) difficulty about water.

630 *pīhar sandi dūmṇi Ūmar handāi sathth*

a gipsy woman of her father's house (who was) with Ūmar.

509 *huntā sajjan hīyaṛe sayāṇā handā hatt*

there were on the loved one's heart the lover's hands.

307 *āpaṇ jāe joiyāũ karhā hundāũ vagg*

he himself went and searched the camel's stable.

Ḍholā-Mārūrā Dūhā : A Fifteenth-century Ballad from Rājputānā

Is the present conclusion original ?

THE story of Ḍholā and Mārū is told in a stirring Rājputānī ballad published in the Bālābakhsh Rājput Cāraṇ Pustakmālā series. It is reviewed on another page of this *Bulletin*.

The story of the poem is briefly this. Pingaḷ, the king of Pūgaḷ, had a daughter called Māravanī ; Naḷ, the king of Narvar, had a son named Ḍholā. During a famine Pingaḷ sought temporary refuge in Narvar, where the two rajas betrothed their children to each other. Some years after this Naḷ, reflecting that Pingaḷ lived far away, and that the journey to his country was perilous, married his son to Māḷavanī, daughter of the Raja of Mālṡvā. In due time Pingaḷ sent messengers to call Ḍholā, but the wily Māḷavanī had them killed. Ultimately Māravanī succeeded in getting a message delivered by singers. Ḍholā was charmed by their description of his early fiancée and set out for her country. After some vicissitudes he reached her, and they were married. On the return journey Māravanī died of snake-bite and was restored to life by a jogī. She was nearly seized by a Muhammadan chieftain, but was warned by a Gipsy woman, and through the swiftness of her camel, which, like Māḷavanī's parrot, had the gift of speech, she and Ḍholā got to Narvar in safety. There they all lived in mutual affection, an affection clouded once by a domestic disagreement. Each of the wives praised her own country and decried that of the other. Ḍholā supported Māravanī, and this, rather inconsequently, restored peace.

This episode which forms the conclusion of the poem, strikes me as unnatural and out of place. The story appears to end properly with dohā 653, which tells us of their settling down in peace, and says that it was God Who had joined them in this happy union.

Now when we think the poem has come to a suitable ending there starts a sudden argument between the two wives about the merits of their respective countries. Ḍholā supports Māravanī, whom he obviously prefers to this other wife, and his one-sided attitude appears to satisfy even Māḷavanī, whom he had failed to uphold. Once again the poem comes to an end. The final words closely resemble those of

dohā 653. The two conclusions are alike ; the sense and several of the actual expressions of the last three lines (dohās 673, 674) are the same as in the previous ending, dohās 651 and 652. Not only so, but three other dohās, Nos. 666–8, are almost letter for letter the same as dohās in an earlier part of the poem. I have drawn attention to them below.

After Ḍholā and Māravaṇī reached Narvar in safety, we read :—

(dohā 651) *Ḍholāū Narvar āviyāū, mangal gāvāi nār*
uchav huvāū āyāū ghare, harakhyāū nagar apār
Sālhkumar bilasāi sadā kāmīṇ suguṇ sugāt.

Ḍholā came to Narvar, the women sing songs of rejoicing. There was a feast ; he came home ; the city rejoiced beyond measure. Sālḥ Kumār (i.e. Ḍholā) made merry with his wives, virtuous and beautiful.

The next dohā appears to end the story.

653 *Māravaṇī nāi Mālavaṇī, Ḍholāū tiṇ bhartār*
ekaṇi mandir rang ramāi, kī joṛi Kartār.

Māravaṇī and Mālavaṇī, and Ḍholā their husband lived joyously in one palace ; God had made their union. (This hemistich reminds us of Tennyson's " marriages are made in heaven ".)

654 *tatkhaṇ Mālavaṇī kahāi, " sābhaḷi kant surang*
" sagla des suhāmṇā, Mārū des virang.

At that time Mālavaṇī says : " Listen, charming husband ; every country is beautiful, (but) Mārvaṛ is insipid.

655 *" bālāū, bābā, desṛāū, pāṇi jihā kuvāḥ*
ādhīrāt kuhakkarā, jyāū māṇasāi muvāḥ.

" I would burn up, father, a land where the water is in wells, and at midnight there is a shouting as if people had died.

656 *bālāū, bābā, desṛāū, pāṇi sandī tātī*
pāṇi kerāi kārāṇāi prī chaṇḍāi adhrāti (v. l. sīcai).

I would burn up, father, a land with anxiety about water, where for the sake of water, the husband leaves (the house) at midnight (v. l. draws).

657 *bālāū, Ḍholā, desṛāū, jāi pāṇi kūveṇ*
kūkū varāṇā haththṛā nahī sū ghādhā jēṇ.

I would burn up, Ḍholā, a land where water is in wells, and where red-coloured hands do not draw it. (*ghādhā*, of doubtful meaning ; perhaps connected with H. *kārhnā* ; Pj. *kaḍḍhā* ; Kś. *kaḍun*.)

- 658 *bābā, ma deis Māruvā, sūdhā evāḷāh*
kandhi kuhārāū, siri gharāū, vāsāū manjhi Thalāh.
 Father, Thou shalt not give me (in marriage) to Mārvār, to simple
 shepherds, axe on shoulder, waterpot on head, to live among
 (the people of) Marusthal (Mārvār).
- 659 *bābā, ma deis Māruvā, var kūāri rahesi*
hāthi kacolāū, siri gharāū, sīcantī ya maresi.
 Father, thou shalt not give me to Mārvār, I will (rather) remain
 virgin from a husband ; cup in hand, waterpot on head, I
 shall die drawing water (or watering) ; (i.e. if I go to
 Mārvār).
- 660 *Māraū, thākāi desrāi ek na bhājāi riḍḍ*
ūcālāū ka avarasaṇāū, kāi phākāū, kāi tiḍḍ.
 O Māravaṇī, in your country, not even one difficulty flees away ;
 there is either journeying (from the country), or lack of rain,
 either hunger or locust.
- 661 *jiṇ bhūi pannag pīyaṇa, kayar kaṇṭārā rūkh*
āke phoge chāhrī, hūchā bhājāi bhūkh.
 A country in which are (blood)-drinking snakes, and the trees
 are thorns and thorny shrubs ; the shade is only āk and leaf-
 less shrubs, and hunger flees by (eating) hūch (thorny plant,
 the seeds of which are eaten).
- 662 *pahiraṇ-orhaṇ kambalā, sāthe purise nīr*
āpaṇ lok ubhākharā, gādar chāṭi khīr.
 For clothing and putting on (only) blankets ; water sixty puris
 deep ; the people themselves wanderers ; milk (only) of sheep
 and goats. (A puris is about four feet.)
 Māravaṇī replies by running down Mālvā and praising Mārvār.
- 663 *valatī Māravaṇī kahāi “ Mārū des surang*
vijā tāū saglā bhalā, Mālav des virang.
 In turn (returning) Māravaṇī says “ Mārū land is charming ;
 others indeed all are good, (only) Mālvā land is insipid.
- 664 *bālū, bābā, desrāū, jahḍ pḍṇī sevār*
nā paṇihārī jhūlarāū, nā kūvāi laikār.
 I would burn up, father, a country where the water has sevār
 growing in it ; (sevār, Hindi *shaiṇāl*, a water plant) ; neither
 companies of water-women, nor melody at the well.
- 665 *bālū, bābā, desrāū, jahḍ phikiriṇā log*
ek na ḍīsāi goriḍḍ, ghari ghari ḍīsāi sog.

I would burn up, father, a land, where the people are uninteresting ; women are not seen, even one ; in every house is seen sadness.

666 *Mārū des upanniyā, tihākā kā dant suset*
kūjh bacī gorangiyā, khanjar jehā net.

This dohā has already occurred as No. 457. where for *upanniyā* we have *upanniyā*, a better reading. I assume it here.

Girls born in Mārvār, their teeth are beautifully white ; they are fair as young cranes, and their eyes are like those of wagtails (or are like wagtails).

667 *Mārū des upanniyā, sar jyāū paddhariyāh*
karvā kade na bolahī, mīthā bolaniyāh.

This is almost word for word the dohā which we have already had as No. 484. There the ending is *-yāh*, which is preferable.

Girls born in Mārvār are straight as an arrow, they never speak bitter words, they are speakers of sweet things.

668 *des nivānū, sajal jal, mīthā bolā loi*
Mārū kāmīni dikhaṇi dhar Hari dīyāū tāū hoi."

This dohā, with one word of difference, occurs as No. 485.

The land is low-lying (therefore fertile), fresh in water, with people speaking sweet words ; Mārvārī women (women like them) might be in the land of the south, but only if God gave them.

Now Dholā speaks and favours Māravaṇi.

669 *des surangāū, bhuī nījal, na diyā dos Thalāh*
ghari ghari cand-vadanniyā, nīr carhāī kamlāh.

The land is charming, (yet) the soil is waterless ; do not attribute fault to Marusthal ; at every door are moon-faced girls, like lotuses which rise to the water (or who ascend to the water like lotuses).

670 *suṇi, sundari, ketā kahā Mārū des vakhān*
Māravaṇi mīliyā pachāī jānyāū janam pravāṇ.

Listen, fair one, how much shall I praise Mārvār ? Since I met Māravaṇi I have regarded my life as fruitful.

This, while a charming compliment to his favourite wife, was depressing to the other. Reading the compliment we think of Browning's:

The purpose of my being is accomplished
And I am happy. I, too, Federigo.

671 *jhaḡṛāũ bhāḡāũ goriyā, Ḍholāi pūri sakhkh*

Mārū ruḷiyāit huī, pāmī priya parakhkh.

The quarrel of the fair ones fled away ; Ḍholā supported (Māravanī) ; Māravanī became happy ; she had tested her loved one.

672 *Mālav des vikhoriyā, Mārū kiyā vakhāṇ*

Mārū sohāgiṇ thaī sundari saḡuṇ sujḍṇ.

He decried Mālvā, and praised Mārvāṛ ; Māravanī, beautiful, virtuous and wise, became fortunate.

673 *ḡim madhukar nāi ketakī, ḡim koil sahkar*

Māravanī man harakhiiyāũ tim Ḍholāi bhartār.

As the bee and the *keorā*, as the *koel* and the plaintain, so Māravanī's soul rejoiced in Ḍholā, her husband.

We are not told how the other wife regarded the situation, and the final couplet which follows is unnatural at this point.

674 *āṇand ati, ūchāh ati, Narvar māhe Ḍhol*

sasnehī sayanā taṇā kalimā rahiyā bol.

Much happiness, much feasting, Ḍholā in Narvar ; and the story of those loving lovers continued in this iron age.

The sense of this doha is the same as that of No. 653.

VII.—BROTHERS OF THE ROMANE: A DOWNTRODDEN TRIBE IN NORTH INDIA

THE Čuhras (čū'ṛā) of the Panjab are chiefly scavengers and farm servants. They used to belong to that large, indeterminate body called Criminal Tribes, and known carelessly as Gypsies or nomads. Members of these tribes are found all over India; many of them are now respectable and hardworking. Formerly they had three characteristics: they were nomads, they had a secret language or argot of their own, and they were criminals, that is they were given to theft and sometimes to immorality. The special dialects spoken by them are occasionally Dravidian, but generally Aryan, showing traces of Rājputānī, Hindī, Panjābī, and Marhaṭī (Marāṭhī). Professor Sten Konow¹ concludes on linguistic grounds that they all belong to one race and come from the Dravidian area, but that after leaving their ancestral home and wandering northward, they lived so long in the Vindhya region of central India that they became Aryanised. He suggests further the possibility that the Gypsies of Armenia and Europe belong to the same race, though he admits that linguistic evidence leaves this an open question.

The Čuhras are a lovable race, showing a great power of bettering themselves when given a chance. None of them now are nomads, and few are criminals. On the contrary they live useful lives. Many of them have become Christians, a considerable number have received some education; a few are University graduates, some are clergymen or school teachers. It is the more necessary to make a note of their secret vocabulary while we can; in a few years no one will remember it. They have no real dialect, a few isolated words are all they possess, a remnant of the days when stealing and cattle poisoning were common practices.

¹ *Linguistic Survey of India*, vol. xi. pp. 5-11.

Formerly each company of Āhuras had a poisoner whose duty it was to poison cattle or horses. The tribe had a prescriptive right to all dead animals, and the flesh of a bullock or horse which had apparently sickened and died, but actually been poisoned, would be a valuable addition to their store of food. The payments made to the poisoner seem very inadequate, if one considers the risk of detection and punishment. For a buffalo he got ninepence, for a bullock sevenpence. There were two methods of poisoning—stabbing with a poisoned instrument, and giving medicated food. Horses had to be stabbed, because they detected the poison in food and could not be induced to take it. Two instruments were used, an iron pointed rod, called *haggī*, or a much shorter bit of wood tipped with iron and called *lānjī*; it was small enough to be concealed in the hand. When poison was given in food an ounce was mixed with a pailful of fodder for buffaloes, and half an ounce for bullocks. Death ensued in a day.

The tribal fathers are ashamed of the past and inclined to deny knowledge of it, but when one has become sufficiently friendly with them they will tell one what they know. Often it is not much, for they are becoming more and more civilised. The secret words are dropping out of use. Those who know them are unwilling that strangers should learn them, for their value depends on their being unknown. I found that when I had established my position as a friend there were some who laid aside their reserve and spoke freely of their 'Pashto,' taking a pride in recalling half-forgotten words, though some of them preferred to do so behind closed doors. It would hardly be an exaggeration to say that those of the tribe who have become Christians are entirely ignorant of them.

Hindus and Muhammadans do not eat an animal found dead, but unreformed Āhuras do so freely, and have a set of words to describe the flesh and parts of the body. Such an animal is commonly referred to as 'carrion,' but the word is not a good one. The Panjabi equivalent of it applies to all meat not killed according to Hindu or Muslim rites even though it may be fit for food. Christians of Āhura origin are very particular as to what they eat, and they avoid carrion.

To illustrate the argot I have given a vocabulary of 120 words, a short story, and some poetical texts. The story and texts are in Panjabi mixed with Āhura words. To disguise an ordinary word they often insert the sound *m*. In the texts secret Āhura

words are indicated by printing the English equivalents in italics. An apostrophe after a vowel indicates that it is pronounced with high pitch, which drops for the vowel after the apostrophe. An inverted comma similarly indicates a low rising tone, low in the syllable after the comma and rising in the succeeding syllable.

TWO BOYS FRUSTRATE TWO THIEVES

ikkī piṇḍ-iē do kūtre ræ'nde sāṇ, ik kīrbalā, te ik rārākā,
 one village-in two boys living were, one Muslim and one Hindu,
āpe -iē bare dæmost (dost) sūṇ, rūṅgeā-vallō čokhe
 themselves-among great friends were Čuhras-towards very
badzan ,oe sāṇ, rārke kūtre-de ku'ddō tħelleā
 suspicious become were, Hindu boy-of house-from ornaments
te pīmtēā-dī neodī ,oī sī, kīrbale-dī ik ardlī lug geī
 and rupees-of theft become was, Muslim-of one buffalo die gone
sī; kīrbale kūtre kəthāēā paī e'nnū rīyyā-dā æbār koī
 was; Muslim boy-by said that those Čuhras-of trust any
neī, e dæmōve (dōve) kamm o'nnā-de pēt-nāl ,oe
 not-is, these both works them-of connivance-by become
ne, sādḍī ardlī tā xær mæreī jeī sī, o'-dī edḍī lammī
 are, our buffalo then well feeble like was, it-of so long
gall neī, kamu're (ku're) par ik sovā tommā khanjālā ī, o'-rī
 matter not, cow-house-in but one fine fat buffalo is, it-of
nā kite gæmmī ,ove; damujje (dujje) kūtre kəthāēā paī
 not anywhere theft be; second boy-by said that
māē ikkī reone te ikki pātṭū-nā gəmal (gal) kūldeā suṇēā
 by me one Čuhra and one Sāsi-to word making heard
sī te čatebinde sādḍe ku'dḍ-val čāmde sūṇ, tħmaj(a)
 was & repeatedly our house-towards looking were, to-day
jærūr kuj ,onā ī; e'dæro dōve čħurṁ, rī te
 certainly something to-be is; here-from both thieves, Čuhra &
pātṭū, teār ,oke sārū latæpæṭær kəmatṭhā (katṭhā)
 Sāsi, ready having-become all stuff together
kūlke, tōmbū te kārki pātṭū koḷe, te čħaggī te lānjī
 having-made, jemmy and stick Sāsi with, & stabber & stabber

rūnge kole, paṣsat kũndke śūkāśākī nāl abre, o' dōve
Čuhre with, food having eaten pomp with came, those both
kũtre čāmdē sān-pae, jad rī te o'rā litārā laṣe
boys watching were, when Čuhra & him-of confederate began
khanjale kol polne, tã ikkī kũtre satteā čhikārā, dujje
buffalo near to-go, then one boy-by thrown clod, second
kharkũt t.ārki, eḍḍā rolā pāeo ne paī sārā m. allā jāg
rattled knife, such noise made by-them that all quarter waking
uṭṭheā, kīrbole te ṭommīā te rārke, te rārkiā, mudā
arose, Muslims & female do. & Hindus & female do., in-short
kāle nepər k.atte te o'nā nāl burī .oī.
thieves were-seized and them with evil became.

THE FEAST

1. *Lāl lāl ka'ndī lāeā, čitte-dā degū čā'rīdā,*
Red red on-walls attached, white-of pot is-raised,
2. *k.ār sādde thānā latthā, vəyyārā ne'ī čhuṭkārī-dā*
house our police-court descended, forced-labour not leisure-of
3. *maddər pīr p.ārī ča'reā, khalkat matthā tēkdī,*
thigh holy-man to-hills ascended, people forehead bow,
4. *suṇḍī māī ākkər-p.anne, čūlle de-viē leṭṭī,*
chop mother twisting-breaks, fireplace in lies,
5. *giḍḍī māī čaṇḍ khālāre, dandā vallī vexdī,*
knee mother hair raises, teeth towards looks,
6. *jatt jo pučēhdā čū'rie k.ār kiṣ e tere?*
farmer when asks 'O-Čurha-woman house-in what is thine?'
7. *čō'drī, nikke-dī ga'nd e, vadde-de phere*
farmer, younger-of engagement is, elder-of confirmation-of-
[engagement.]
8. *maṭ pər.āsā čhaddīā, čū'ri fire čufere*
pot-by vapours left, the-Čuhri turns on-all-sides.
9. *p.annī .oī sēṇḍkī, čū'ri p.ānīā fere*
broken become pot, the-Čuhri marriage-gifts hands-round
10. *pāṭṭī .oī tēngnt, va! p.ēn čufere*
torn become skirt, turns fall on-all-sides

11. *khā-lo mereo kuṛmo, ko'li-de bere.*
eat-take my marriage-relatives, breast-of pieces.
12. *ēhelli de-viṣ sukkde khuḍdumbe bere*
basket in drying fat-tailed pieces
13. *illā čurməṭ pā-leā, kã bæ'ṇ bənere.*
kites-by crowd made, crows sit on-roof-edge.

NOTES.—1. Red meat drying on walls, fat boiling in pot. 2. Crowd like police court, but no forced labour. 3. The holy thigh-flesh in pot. 4. Mother chop stretching herself. 5. Flesh of knee rising up. (4 and 5 refer to cooking.) 6. What is there to-day in thy house? 8. Pot steaming, the Čuhri busy. 10. Skirt torn as she bustles round. 11. Feast considered a marriage. 12. Fat-tailed sheep is called *dumbā*.

A JOKE

1. *k,utt-k,attke ga'ndəṛ ba'ddā, utte thabbā pərālī-dā*
pressing bundle tied, on-top load rice-stalks-of
2. *kajje de atth mē de-toreā, tattā tattā tūrī-dā.*
farmer-of hand-by by-me give-sent, hot hot soup-of.

The Čuhra's wife concealed carrion under rice stalks, and sent it to the village by the hand of a *kajjā*, i.e. any one of superior rank, here probably a Hindu, knowing that he would not have touched it, if he had known what it was. The meat was hot soup-meat.

LIST OF CHURA WORDS

(Contractions : P. = Panjabi, H. = Hindi, Q. = Qasāi, S. = Sāsī, Ks. = Kasmiri, G. = Gamblers' argot.)

VERBS.

accuse, *nūkərnā*.

arrive, *see* 'come.'

beat, *loṭhṇā*. *See* 'kill,' 'clod.'

break into house (through wall), *gul lāṇā*.

come, *ābrnā* (cf. Q. *aprnā*, P. *appərnā*, S. *asrnā*), *polṇā*.

die, *lugṇā*: S. *do*.

do, *kūḷṇā*: S. *do*.

eat, *tilmṇā*, *kūndṇā*.

give, *sərnā*, *ṭēḷṇā*.

go, *polṇā*.

hide, (tr.) *čəpelṇā*, (intr.) *ṭhippṇā*.

kill, *loṭhṇā* (S. *lo'ṇā*, Ks. *lāyun*, P. *lāṇā*), *kermṇā*, *ga'nd deṇā*.

look, *čāmṇā*. *See* 'see' and 'watch.'

say, *kəthāṇā* : P. *gallkatth*, Ks. *kath*, word.
 see, *čāmṇā*. See 'look' and 'watch.'
 seize, *nepərnā* : P. *nappərnā*.
 steal, *lāllī lāṇī* : S. *lāllī*, night.
 watch, *čāmṇā*.

NOUNS.

(1) Animate beings :

ass, *kortā*, *khutṛingā*.
 boy, *kūtrā*.
 buffalo, *ardlī*, *khanjālā*.
 confidant, *litāṛā*.
 cow, *kṛsī*.
 Čuhra, *rī*, *reonā*, *rūṅgā*.
 European, *kajjā*, (fem.) *kajjī*. (See 'gentleman'.)
 dog, *rēval*.
 gentleman, any one of good social position, *kajjā*,
 (fem.) *kajjī* : S. *do*. (See 'European'.)
 girl, *kūtrī*.
 goat, kid, *čellī*.
 Hindu, *rārḱā*, (fem.) *rārḱī*.
 horse, *kurṁā*.
 Muslim, *kīrbālā*, (fem.) *ṭommī*. See 'fine.'
 poisoner, *ruḡm*.
 Sasi, *pāttū*. (S. *pāttū*.)
 thief, *kālā*, *čhuṛm*.

(2) Articles of food :

bread, *paḡsat*, 'uṇḍək. See 'food.'
 butter, see 'ghī.'
 curds, *guls*.
 food, *uṇḍək*, *paḡsat*.
 ghī, *nībəl*.
 soup, *lās*, *tārī*.
 sugar, *mīṭkā*, *ṭīmmā* : S. *ṭūllā*.
 water, *nīrkā* : H. *nīr*.
 carrion, *dīṭhā*, *jagṛ*, *khānjəṛā*.

(3) Household and other articles :

cloth, *līprā*. See 'skin'.
 huqqa, *burḱnā* (S. *do*); *korūā*.
 jemmy (housebreaker's), *ṭombū*.
 knife, *tārḱī*.

match (for lighting), *kaṣāṭi*.

money, *bāgelā*.

necklace, *ṭhellā*.

pice (farthing), *arjīṭā*.

poison, *tiārī*, *ṭhimmā*; ball of, *goḷi*.

rupee, *pīmtū* (G. *do*), *bāgelā*.

shoes, *pāntī*.

stabbing instrument. (longer) *ṭhaggī*, (short) *lānjī*.

stick, *kārki*.

turban, *ṭelnī*.

(4) Parts of the animal found dead :

back, small of, *paṭṭhā*.

brain, *miñ*.

breast, *koḷī*; piece of, *morā*.

entrails, *kērā*, *āndrā*.

fat, *minj*, *neorī*; remains of, *batlī*.

heart, *añjāllā*.

knee, with flesh, *giḷī*.

leg, lower half of lower, *surkaṇḡ*.

flesh on front part of this, *khurṇā*.

lower foreleg, upper half, *totīā*.

upper foreleg, upper half, *ṭikīā*.

do. lower half, *ṭūl*.

lower hind leg, upper half, *jannū*.

upper hind leg, upper half, *kāṇā*.

do. lower half, *golū*.

lumbar vertebrae, *paṭrī*, *kaṇḡ*.

meat, piece of, *berā*; oblong piece of, *sundī*.

neck, back of, *kānā*.

rump, *pottā*.

shoulder, *murkən*, *phar*.

skin, *līprā*: Q. *līpī*. See 'cloth.'

side, *bukkā*, *rukṇā*; upper part of, *kāṇeri*.

spine, flesh near, *bukṇā*.

thigh, *ṭarā*, *maddar*.

(5) Other nouns :

accusation, *nūkər*.

clod, *ṭhikārā*; strike with clod, throw clod at, *kāṇkar*
karnā; throwing of clod as warning to confederate,
neolā.

direction, see 'side.'

house, *kudḍ'*.

intrigue, *kokkṛ*.

sickness (of cows), *almnī*.

side, direction, *palvā*; *palve*, to one side.

theft, *neodī*, *gæmmī* (Q. *gæmbī*; *gæmbā*, thief), *lāllī*
(only with *lāṇṭ*, attach).

ADJECTIVES.

bad, worthless, *ṭāṇḍā*; ugly, *pæḥikkā*.

fine, in good condition, fat, *sō'vā*, *ṭommā*. The fem. of the
latter is used for 'Muslim woman.'

fat-tailed, *khurḍumbā*.

INTERJECTION.

heī kṛl, hush! *kṛl* is imper. of *kṛlṇā*, to do.

TWO INDIAN STANDARDS OF THE EIGHTEENTH
CENTURY, WITH FACSIMILES AND TRANSLATIONS
OF TRACINGS FROM ARABIC INSCRIPTIONS

IN the spring of 1921 Captain Geoffrey Bailey sent me two pairs of tracings made from Indian standards captured in the battle of Seringapatam, 4th May, 1799. The standards are among the treasures of the chapel of the Royal Hospital, Chelsea. On examination they proved to be of considerable interest, and readers of the *Bulletin* will perhaps be glad to have an opportunity of studying them in the facsimiles which, through the kindness of the editor, I am able to present, along with such notes as may be necessary for their elucidation.

The four tracings consist of the obverse and reverse of two standards; in each case the obverse and reverse are identical. The facsimile marked I (flag No. 31 in the Chapel collection) represents Haydar 'Alī's standard, while that marked II (No. 32 in the Chapel collection) shows us Tipū Sāhib's standard(?) It will be observed that this standard is broken in one place; it is, however, possible to supply the lost words from the reverse, which has these words complete, while it lacks the words "Yā Shekh 'Abdu'l Qādir Jil . . ."

A cursory examination of the Arabic reveals the fact that those who rallied round these flags belonged to the Sunnī faith, for the saints invoked are those specially revered by the adherents of that branch of Islam.

While every part of the inscriptions is worthy of study, supreme interest attaches to those words which indicate the date. They appear to read: in the year of Muḥammad, 6121, or (if the figures be read the other way) 1216. This contains two difficulties. Firstly, in no ordinary Muslim writing do we find an era referred to as "the year of Muḥammad". One gentleman, himself an ibn i 'Arab, told me that though he thought he had read pretty widely in his native tongue, he had never come across such a phrase. Secondly, the actual year 6121

or 1216 was inexplicable. I spent some time in fruitlessly studying eras which might account for the larger figure; at the same time the smaller figure, if counted from the Hijra, gave the year 1801, two years subsequent to the capture of the standards, and a mistake in reckoning was inconceivable.

The explanation of both difficulties has been supplied by Mr. C. A. Storey, of the India Office Library, who has been so kind as to send me the following details. In Tipū's reign it was customary to use the era of the Mawlūd i Muḥammad, i.e. the spiritual birth or mission of Muḥammad, about twelve years earlier than the Hijra. Dates were written from right to left. In the India Office Library there is a drawing or facsimile extremely like those here given, and there is a MS. entitled "Ḍawābiṭ i Sultāni" containing "regulations for the proper shape and form of royal insignia (as the orbs or disks at the top of banners, seals, official signatures, etc.), drawn up under the direction of Tipu Sultan". Some of the formulæ closely resemble those in the inscriptions before us.

For the sake of those who are not Arabic scholars I have added a translation of the words on both standards. My own Arabic equipment is inadequate, and I have freely sought assistance from colleagues in the School of Oriental Studies, to whom I am much indebted for the help which they have so readily given.

I

[Top]

بسم الله الرحمن الرحيم — يا الله يا حافظ يا حفيظ يا رقيب يا
وكيل يا حي يا قيوم

[Between Arms]

المملك لله الحلم لله

[Arms]

يا حضرت عثمان يا حضرت علي حيدر صفدر
يا حضرت معروف كرخي يا كا في المبهات



HAYDAR 'ALĪ'S STANDARD CAPTURED AT SERINGAPATAM 4TH MAY, 1799:
FOUR-FIFTHS OF ACTUAL SIZE. (FLAG NO. 31 IN CHAPEL, ROYAL
HOSPITAL, CHELSEA.)

[Circumference, beginning a little to right of top]

حضرت خواجہ عبد الخالق عجدانی حضرت خواجہ بایزید
بستانى — حضرت خواجہ ابو یوسف همدا نى حضرت خواجہ بابا
سمائى حضرت خواجہ امیرسید کلال حضرت خواجہ احمد بغدادى
حضرت خواجہ بهالدین نقشبندى رضوان الله تعالى عليهم اجمعين

[Centre]

اذا جاء نصر الله والفتح ورايت الناس يدخولون فى دين الله افواجا
فنتبج بمحمد ربك و استغفره انه كان توابا —

[Foot]

سنه محمد ١٢١٦ — يا حضرت امام حسن —

TRANSLATION I

In the name of God, the compassionate, the merciful! O God,
O Preserver, O Protector, O Watcher, O Guardian, O Living
One, O Self-subsistent One!

To God belong sovereignty and clemency.

O Ḥadrat 'Uthmān! O Ḥadrat 'Alī Ḥaydar Ṣafdar! O Ḥadrat
Ma'rūf Karkhī! O Sufficient for difficulties!

Ḥadrat Khawāja 'Abdu'l Khāliq 'Ijdānī, Ḥadrat Khawāja
Bāyazid Bustānī, Ḥadrat Khawāja Abū Yūsaf Hamadānī,
Ḥadrat Khawāja Bābā Samāi, Ḥadrat Khawāja Amīr Sayyid
Kalāl, Ḥadrat Khawāja Aḥmad Baghdādī, Ḥadrat Khawāja
Bahāu'd Din Naqshabandī—may the good-pleasure of God
exalted be upon them all!

When come the help of God and the victory, and thou seest men
entering into the religion of God in multitudes, then laud
in the praise of thy Lord, and ask forgiveness of Him, behold
He is abundantly pardoning.

In the year of Muḥammad 1216.

O Ḥadrat Imām Hasan!



TĪPŪ ŠĀHĪB'S STANDARD CAPTURED AT SERINGAPATAM 4TH MAY, 1799 :
 FOUR-FIFTHS OF ACTUAL SIZE. (FLAG NO. 32 IN CHAPEL, ROYAL
 HOSPITAL, CHELSEA.)

II

[Top]

بسم الله الرحمن الرحيم يسبح الرعد بحمده والملايكة من خيفته
[Between Arms]

يا حى يا قيوم يا محمد
[Arms]

يا حضرت ابا بكر صديق يا حضرت عمر يا شيخ عبد القادر جيلانى
يا حضر[ت امام حسين]

[Circumference, beginning to right of top]

اد علياً مظهر العجايب تجده عوناً لك فى النوايب كلهم وغم
سينجلى بنبتك يا محمد بولايتك يا على يا على يا على
[Centre]

لا اله الا الله محمد رسول الله — نصر من الله وفتح قريب و بشر
المومنين — فالله خير حافظا وهو ارحم الراحمين
[Foot]

سنه محمد ١٢١٦ — يا حضرت امام حسين

TRANSLATION II

In the name of God, the compassionate, the merciful! The thunder lauds in His praise, and the angels from His fear (fear of Him).

O Living One, O Self-subsistent One! O Muḥammad!

O Ḥaḍrat Abu Bakr Ṣiddiq! O Ḥaḍrat 'Umr! O Shekh 'Abdu'l Qādir Jilānī! O Ḥaḍ(rat Imām Ḥusain)!

Call upon 'Alī, revealer of wonders. Thou wilt find him a help to thee in difficulties. All trouble and sorrow will be removed by thy prophethood, O Muḥammad, by thy vicarship, O 'Alī, O 'Alī, O 'Alī!

There is no god but God, Muḥammad is His apostle. Help from God and victory are near, and announce it to the faithful. For God is the best guardian, and He is the most merciful of the merciful.

In the year of Muḥammad 1216.

O Ḥaḍrat Imām Ḥusain!

NOTES ON PANJABI ASPIRATES AND TONES

(Phonetic Script in square brackets)

NOTE I

The following lines apply to Northern Panjābī, one of the two main dialects into which Panjābī may be divided. It covers roughly all the Panjābī area to the west and north of Amritsar. The problem of aspirates and tones has recently excited much interest, culminating in Professor Jules Bloch's article in *Mélanges Linguistiques* (Vendryes pp. 57-67).

In order to emphasize the necessary modifications we may say generally that where southern and western languages have an aspirate, Panjābī, in common with many Lahndi dialects, which, however, require separate discussion, shows the following treatment.

(1) In the combinations *kh*, *ch*, *th*, *ph*, it has a toneless, voiceless *h*.

(2) Otherwise an aspirate preceding the accented vowel is replaced by a low rising tone, while one following it is replaced by a high falling tone (a word may have both tones).

These two statements need to be modified.

(1) Panjābī's dislike for aspirates is seen in the recent development of some of these aspirated surds. While *th* and *th* remain unchanged, *kh*, *ch*, and *ph* sometimes lose their aspiration and become fricative. We then have :—

[-*kh*, -*kh*-], even [-*kkh*, [-*kkh*-] > [-*x*]; [-*ch*] and [-*ch*-] > [-*ʃ*]; [*ph*] > [*ɸ*] (a faint labio-dental *f*, different from English *f*, but *not* a bilabial; the corresponding sonant is *u*).

[*lɪkhṇa*], write, > [*lɪxṇa*]; [*sɪkkhda*], learning, > [*sɪxda*]; [*ɾakkhnā*], am placing, [*ɾaxnā*]; [*uɪʃkar*], in the middle, from [*uɪcc*], with adj. [*uɪʃkarla*]; [*pɪʃā*], backwards, from [*pɪcche*], with adj. [*pɪʃla*]. [*ɕal ɸɪrāda*], I shall go, [*phɪrāda*]; [*taɸəɸṇa*], be agitated, for [*taɸəphṇa*].

(2) There is also a contrary tendency, for Northern Panjābī now has in certain cases a clearly pronounced *h*, usually sonant, and it is a fact of great interest that it never carries a special tone. This *h* is found :—

(a) In one or two isolated words. I can think of the following : *āho* [*aɦo*] or *āh* [*aɦh*], yes. *āho* is in some places pronounced *ākho* [*axo*]. In *āh* the second half of *h* is devocalized. The [*x*] pronunciation is found in two other words generally written with *h*, an *h* which is not pronounced as an aspirate. They are *ū'oi*, that very one, [*u'oi*] and *ī'yyoi* [*i'jjoɪ*], this very one, for which one may hear [*uxoi*] and [*exai*].

ohho [*ohho*], or *oho* [*oɦo*], Oh (surprise or impatience). This is sometimes [*oxo*].

(b) A new development of existing *s*. In rapid speech there is now a tendency towards the following changes except when *s* immediately precedes an accented vowel. I have noticed it, though rarely, with *sh*.

[-*s*-] > [-*ɦ*-]. [-*ss*-] remains unchanged. [-*s*] + cs > [-*ɦ*] + cs.

[-*ss*] + cs. > [-*s*] + cs. > [-*ɦ*] + cs.

In every case the *h* is toneless.

[*daḥī daḥī pæḥī læe ḥaḥu*], *dasī dasī paisī læe sāsū*, he got them for ten pice each. As [*ḥaḥu*] is an enclitic the consonants in it count as inter-vocalic.

[*khushia ka' de joga 'aḥda e pea*], *Khushīā kāh de jogā hassdā e peā*, why is Khushia laughing?

[*aḥā akhja tuḥā*], *asī ākheā ! tuḥā ?* We said it ! Wasn't it rather you ?

[*okkhushia oe:::*], *o Khushīā oe*, O Khushia (call from a distance).

If we agree to recognize this newly developed aspirate and write it *h*, it will be worth our while to note the difference in pronunciation between certain words, which will then be written alike or nearly alike.

paihe paihe, by road, is [*pæ'e pæe*] with tone; but *paihe paihe*, a pice each, is [*pæḥe pæḥe*] without tone.

ḍahā, 1st sing. pres. subj. of *ḍahṇā*, is [*ḍā'*], with tone: but *dahā*, from *das*, ten, is [*daḥā*] without tone.

ḍahṇā (inf.), *ḍahnnā* (pres. ind.) are [*ḍæ'ṇā*, *ḍæ'nnā*] with tone, whereas *dassṇā*, *dassnā* > *dahṇā*, *dahnā*, are [*daḥṇā*, *daḥnā*] without tone.

I wish to make it clear that this tendency has not yet become an invariable habit. The *s* is still common especially in slower utterance.

NOTES ON PANJABI ASPIRATES AND TONES

(Northern or Western Dialect)

NOTE II

Erratum.—In Note I, *JRAS.*, January, 1926, p. 113, l. 6 from foot, "western" should be "eastern". Southern and eastern languages have an aspirate.

THE PRONUNCIATION OF MEDIAL *gh*, *jh*, *ḍh*, *dh*, *bh*

Before discussing this, it will be well to give a

Rule applying to all tones.—In the case of all tones, whether dual or triple, i.e. whether low-rising, high-falling, or low-rising-falling, the first part always occurs on the stressed vowel. If that vowel is the last before the next pause, the tone is complete in it, but if another syllable follows before the pause, the rise of the low-rising and the fall of the high-falling tone are completed in that syllable, while in the triple tone the first and second parts are completed in the stressed syllable and the third in the syllable following.

An *h* coming before the stressed vowel always points to the low-rising tone, and one coming after it to the high-falling tone. When an *h* occurs both before and after it, the triple tone is indicated.

When *gh*, *jh*, *ḍh*, *dh*, *bh* are initial or final little difficulty is experienced. The rules may be briefly stated :

Initial : (i) If no vowel has been elided between the stop and the *h* the stop is devocalized and the *h* is changed to a low-rising tone. (ii) If a vowel has been elided the stop remains sonant. Tone as in (i).

Final : The stops are kept sonant and the *h* is changed to a high-falling tone.

The MEDIAL stops *gh*, *jh*, *ḍh*, *dh*, *bh* are sonant or surd, as shown below.

Sonant : (a) Words with low-rising tone which are derived from words with high-falling tone, have them sonant whether they immediately follow a consonant or a vowel.

uljānā, entangle (*u'laɟnā*) : *khuñānā*, cause to lose the way (*khu'ñnā*) : *kaḍānā*, cause to be ejected (*ka'dḍnā*).

(b) When these stops immediately follow any vowel which is not the end of a prefix obvious to the village mind, they are sonant. *ḍḍḍaws*, mortuary (Eng. dead-house) : *maḍānī*, churning stick.

Surd : (c) Words which appear to Panjabis to be made up of

- (i) two words,
- (ii) word and prefix,
- (iii) word with repetition in same or different form

are treated like two words, but only stressed syllables carry the tone.

Examples :—

(i) *p.āmbal-p.ūse*, inconveniences, etc. *lamṭiṅg*, stork, flamingo, etc. *pad-p.āi'rā*, toadstool: *gal-k.o'tū*, choking: *p.ānkar*, money change: *kup-k.e'r* or *k.u'p-k.e'r*, very dark: *p.e'd-kut*, or *p.e'd-k.u't*, branch of the *Sāsīs*: *kirt-k.ā'n*, ungrateful.

(ii) *at.ā'rm*, irreligion: *kut.ā'bbā*, awkward, ill-shaped.

(iii) *k.ā'rī-karī*, repeatedly: *c.ā'v-cav*, quickly.

(i) and (ii) account for words like *parp.ū'njā*, grain-parcher, and for the Panjābī pronunciation of Hindī words like *kan-k.o'r*, very dark or terrible: *mūr-t.ā'nya*, cerebral. Similarly they explain *prb.ā'telā*, morning: *prd.ā'n*, chief. These sound like single words, for their prefixes are not recognized.

All cases of intervocalic *gh*, *jh*, *ḍh*, *dh*, *bh*, are covered by the above rules; there may be a few words in which the rules do not cover instances of these stops occurring in immediate conjunction with consonants, but they must be very few, and I am not at present able to recall any.

TIME TAKEN BY THE STRIKE OF CEREBRAL *r*

In the JOURNAL for July, 1924, p. 436, I stated that the strike of a cerebral *r* lasted not more than one 120th of a second. I was speaking of the commoner cerebrals *t*, *d*, *n*, *r*, especially the last, and was taking exception to the use of the words "firmly pressed" in describing the movement of the tongue in making them. It seemed to me that it was a misuse of terms to say that there was "firm pressure" in an action taking so short a time. There is no more pressure in a cerebral than in a dental.

I do not now remember on what I based my estimate of the time taken by the strike of a cerebral *r*, but no doubt the grounds for it were adequate. Recently, however, a very interesting article in *Zeitschrift für Experimental-Phonetik*, Band 1, Heft 1, Okt. 1930, has furnished evidence that the statement was well on the safe side. In this article there is an analysis of a sentence spoken by Dr. Babu Ram Saksena, who some years ago was a student in the School of Oriental Studies. He repeated the words *ek bare rājā rahte haī* at a rather slow conversational rate, taking two seconds to the five words. The diagrams accompanying the article enable one to calculate the length of each sound.

There are seven consonants (counting *h* as a vowel), viz. *k*, *b*, *r*, *r*, *j*, *r*, *t*. Of these *k*, *b*, and *t* take the longest time, one-tenth of a second each; *j* and the second *r* take seven-hundredths of a second each; the first *r* takes six-hundredths of a second, while *r*, the only cerebral in the seven, takes two-hundredths of a second. This includes the time taken by the on-glide, the strike, and the off-glide. The strike is probably shorter than either the on-glide or the off-glide, so we may say with confidence that it takes less than one 150th of a second.

The statement in *JRAS.*, loc. cit., was thus comfortably within the mark.

Putting the matter in mathematical language we may say that $k, b, t : j$, 2nd r : 1st $r : r = 10 : 7 : 6 : 2$. Particularly noteworthy is the proportion $t : r = 5 : 1$. The dental t in that sentence took five times as long as the cerebral r .

R SOUNDS IN KĀFIR LANGUAGES

The rather extensive use made of fricative r' in Kāfir languages is interesting. The sound itself is very familiar; it occurs in Urdu and Panjabi as a subsidiary member of the r phoneme. This is the case also in Waigali and Ashkun. Dr. Morgenstierne has been good enough to describe and pronounce Kāfir r' for me. Kati has it as a separate phoneme. In slight modification of the statement in the Report he says it is made just behind the r .

We have here two entirely different classes of sounds (fricative and strike sounds) with little or no phonetic connexion between them. As unfortunately we always use the same symbol r for both, it is necessary to make the distinction clear. The fricatives, of which Kāfir r' is an example, may occur in any position, front or back, alveolar or cerebral (palatal). A cerebral fricative r' is often heard in Urdu, Panjabi, Hindi (and Bengali, so Mr. Sutton Page), where it is a member of the cerebral strike- r phoneme. The strike sounds may also be found in any position, front or back; and of course in both classes the number of intermediate positions is limitless.

The fricative r sounds are closely related to sibilants (generally sonant) and are often difficult to distinguish from them; some z sign would be a more appropriate symbol than r . The strike sounds on the other hand belong to the d and t class. The ordinary r and r sounds of North India are strike sounds; those which we are for the moment writing r' and r' are fricatives. The important thing to realise is that both the r' and the r sounds may be either cerebral or alveolar, indeed theoretically may occur in any position

on the roof of the mouth which the tip of the tongue can reach.

There remains the question—what is the nature of the cerebral *r* sounds in village Kaśmīrī and Ṣiṇā? To which class do they belong? Are they fricatives or strike sounds, and where are they produced? I am glad in particular to write a note on the Kaśmīrī *r* because it has never been described before.

The *r* in village Kaśmīrī is the same as in Ṣiṇā. It is a pure strike *r* (not a fricative), essentially the same as the strike *r* of Waigali and Ashkun, or for that matter of Pashto, Urdu and Panjabi, quite different from the fricative *r* of Kāfir languages. Its position varies from a little behind the teeth-ridge to a point about a third of the way along the hard palate. This strike *r* as heard in Panjabi or Ṣiṇā or village Kaśmīrī is usually called cerebral, but there is no objection to calling it post-alveolar, meaning “behind the alveolus or teethridge”.

ONE ASPECT OF STRESS IN URDŪ AND HINDĪ

The problem of stress in Urdū and Hindī sometimes seems insoluble. When an Indian, whose native language is Urdū or some dialect of Hindī, speaks English we feel that he stresses the wrong words of a sentence and the wrong syllables of words. He appears to us to say [Aʻtədemɪk] for [ʻæke/demɪk]; [ʻbɪgenɪŋ] for [brɪ'gɪnɪŋ]; [ʻæssəsjeɪn] for [ə'sousr/erɪn]. But, apart from the mere shifting of stresses, the nature of the stress and his conception of it appear to be different from ours.

My impression is :—

(i) That stress in the languages mentioned is not wholly unlike that of English, but

(ii) that it is weaker, a stressed syllable closely resembling an unstressed one, and

(iii) that stressed vowels differ very little from unstressed vowels.

The facts in (ii) and (iii) account for the difficulty which English speakers have in hearing the stress. We have all our lives been accustomed to strong stress associated with special forms of vowels. Our dictionaries mark it. Speakers of Urdū and Hindī, on the other hand, are used to weak stress and give little or no thought to it : none of their dictionaries mark it. Consequently they are not in the habit of recognizing it, and I feel sure that when questioned they often make wrong statements about it.

Thus I have sometimes been told by them that words like *māhāknā*, *bhāṛāknā*, *māhāk*, *bhāṛāk*, have the stress on the second syllable, whereas I am convinced that it is on the first. They say, too, sometimes that *bāhā*, flowed, and *bānā*, was made, have the same stress as *bāhā*, having caused to flow, and *bānā*, having caused to make. I feel that the former are [*'baha*, *'bana*], and the latter [*bΔ'ha*, *bΔ'na*]. Is there any proof either way ? (It is necessary to add that Indians differ from one another in their judgment on these stresses ; there is plenty of support for my view.)

The effect of *h* on short vowels in Urdū furnishes, if not a proof, at least a strong argument. I have frequently stated that stressed *āh* followed by a consonant or *e* or *ε* is pronounced [æh], while unstressed *āh* is [Δh] or [əh].

(1) Let us take *mahaknā* and *mahak*. According to the rule just given, the first vowel will be [æ] if the stress is on the first syllable and [Δ] if it is on the second. Similarly *bahalnā*, *ṭahalnā*, will begin with bæ and ṭæ or bΔ and ṭΔ, according to whether the stress is on the first or second syllable. Now, in all these words the first vowel is [æ] not [Δ] ; it follows therefore that the stress is on the first syllable.

(2) Again, the first vowel of the combination *āhā* in Urdū is [a] when the stress is on the first syllable and [Δ] or even [ə] when the second syllable is stressed. Let us take the two words written *bāhū* ; we find [*baha*], flowed, and [*bΔha*], having caused to flow. By the rule stated the stress of the former is on the first syllable, and of the latter on the second.

(3) Two other words, both written *maḥallō*. In Psalms xlviii. 3, occurs the phrase (*shahr*) *ke maḥallō mē*, which means either "in the palaces of the city" or "in the various sections of the city". To get the first meaning we must pronounce [mæhlō], to get the second [MAHALLō]; this implies that in the former the stress is on the first syllable, in the latter on the second. The singular of the first word is *maḥall*, the correct pronunciation of which is [mæhl] or [ˈmæhɛl]; a few people incorrectly say [maˈhəl] or [mhal].

(4) One more example. *bahar saḥar* is pronounced [baˈhar ˈsæhɛr].

We may say to ourselves: "Perhaps stress is not connected with the two pronunciations of *ah*. Is it not possible that *bahar saḥar* is pronounced [ˈbahaɾ sæˈhɛr], and not [baˈhar ˈsæhɛr]?" It may be possible, but I am sure it is not the case. At any rate no explanation dissociating the two pronunciations from stress has ever been given.

An interesting corroboration is furnished by Panjabi. In that language we get the low rising tone when *h* precedes, and the high falling tone when it follows, a stressed vowel. For *bahar saḥar* a Panjabi would say [bəˈʔar sæˈr], showing that he feels the stress as I have stated it. The same holds of the other examples given.

We may perhaps be permitted to conclude that in a matter like this the evidence of trained English ears can be trusted to a very considerable extent.

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THE PRONUNCIATION OF URDU AND HINDI

IT is difficult to write correctly about the grammar of a language; it is almost impossible to be accurate about its pronunciation. It follows that the weakest and most unsatisfactory part of books on a language is nearly always that which deals with sounds. The reasons are various. I give some of them here with special reference to Urdu and Hindi.

(1) The tradition is bad. Mistakes were made in the early days of study. One writer after another has copied these mistakes, introducing variations of his own with chaotic results. The statements made by Forbes, who, I believe, was never in India, are still the basis of remarks on Urdu pronunciation.

(2) It is said that every man who has made some progress in the study of a language regards himself as an expert. This may be an exaggeration as regards idiom and syntax, but it is almost literally true of sounds. It is impossible to persuade a man who has made a scholarly study of a spoken tongue in the country where it is spoken that, however much he may know of its grammar and literature, his ear is incapable of hearing its distinctive sounds and that in describing them he is merely guessing (or copying other writers). Yet it is nearly always true. The scholar is perhaps more readily misled than others, for knowing the principal things that he *ought* to hear, he easily persuades himself that he *does* hear them.

(3) It is not possible to write accurately about the sounds of any language without devoting years to the study of phonetics. Most writers have not done this.

(4) This fact leads to another, viz. that Indian speakers are unsafe guides unless they are competent phoneticians. This requires emphasis. Someone will say—surely they know how to pronounce their language. The answer is a simple negative. They may pronounce correctly, but they do not *know* the pronunciation. Englishmen of the richest scholarship in their own tongue will make ludicrous misstatements about its pronunciation if they have not gone far in the study of phonetics. So it is with Indians. This explains the otherwise

remarkable fact that the description of sounds given in grammars written by Indians is often more inaccurate than that of Europeans.

(5) Another source of error to which Indians are liable is the desire to pronounce according to preconceived notions as to how words *ought* to be pronounced. Thus a Mawlavī will import what he thinks are correct (Arabic) sounds into Urdu words. He will discourse on the hamza, on *‘ain*, will assure the unfortunate student that words written *ḥukm*, *fikr*, *ṣubḥ*, are monosyllables, that *jadd o jihad* should be pronounced *jidd o jahad*, that *fīl* is different from *fel*, that the first syllable of *mahdī* is not the same as that of *mahfil*. Pandits have not the same opportunities in Urdu, for the pronunciation of Sanskrit words in that language has been fixed without consulting them, but in the cognate language Hindi they try to force old forms upon an unwilling people, and teach them to students. It is greatly to be regretted that some Europeans are as guilty as these Pandits, for instead of the correct words used by the people in conversation, they write incorrect forms assimilated to Sanskrit.

The following remarks deal with the pronunciation of educated Delhi men. It is generally known that Delhi and Lucknow, and these places alone, are recognized as *mustanad* or authoritative in all matters of Urdu idiom and pronunciation. When the two cities differ, as they do in a few unimportant points, both are considered correct. I have never met an Indian who questioned their pre-eminence. When one has to choose a form of the language for public purposes it is better to take the Delhi idiom, for it is nearer the centre of the Urdu speaking world. The normal language employed in lectures and speeches before large audiences from Peshawar to Bihar is Urdu, and while Delhi is situated close to the centre of this tract of country, Lucknow is on its eastern border. The revisers of the Urdu New Testament were wisely guided in their decision to make Delhi Urdu their standard. But let me say again that the differences are slight. When I speak of the pronunciation of English I mean English as spoken by an average public school man. (See Professor Jones's *Dictionary*.)

I desire here not to discuss in exhaustive detail the question of Urdu pronunciation, but to go briefly into the various sounds, and give such hints as may be useful to students. When necessary I have added in square brackets the phonetic equivalents.

At the end of the article will be found a special note on Hindi pronunciation.

COMMON MISTAKES

As I write I have no grammars before me, and I have not in mind the words of any writer, European or Indian, but I think that all the following mistakes may be found in books of comparatively recent date.

Hamza.—Directions are often given for enunciating *hamza*, but they are ill-founded, for it is a mere device of writing, disregarded more often than not, even in writing, and wholly ignored in pronunciation. In Urdu *hamza* is never pronounced.

Long Vowels.—So-called long vowels are a frequent source of error. Books speak of “long *a*”, “long *i*”, “long *u*”, and tell us that *e* and *o* are always long. The fact is that long vowels of any kind are infrequent in Urdu. Words like *burāīā*, *sahelīā*, *khushbūā*, are said to contain three long vowels. Actually they contain four short vowels. There is not a long vowel in any of them. Under strong stress vowels are sometimes lengthened, thus we may hear *mulāqāt* meeting, *vajūhāt* reasons, with the last vowel long (but the middle vowel undubitably short); again *dekh* look, standing by itself has a long *e*, but the *e* in *dekho* is always short, and yet this short *e* differs considerably from the *e* in the usual English pronunciation “dekko”.

The mistake arises out of the notion that *ī* and *ū* are lengthened forms of *i* and *u*, and that Urdu *e* and *o* are long varieties of the English vowels in “pet” and “hot”. The difference is not one of length; in each case the vowels are different. The phrases *mere betē mē dekhē* and *donō ghorō ko kholo* contain seven short *e*’s and seven short *o*’s respectively. To determine the length of a vowel we must listen to complete breath groups in conversation, not to isolated words. Any vowel which takes a markedly longer time to utter than its fellows we may consider long.

aw (often written *au*): this is described as the same as or very like the vowel in “how” or “proud”, so that the first syllable of *hawnāk*, terrible, would be practically the English “howl”. The sound is, however, quite different. It is often a single half-long vowel, very similar to the *au* in “haul” [ɔ̃], but sometimes it is a diphthong of which the first part is the vowel just mentioned and the second a monophthongic *o* [ɔo]. Cf. *Mawlā*, God, generally mɔ̃-lɑ, occasionally moolɑ; *tauba*, repentance (tɔ̃-bɑ or tɔbɑ).

ay (or *ai*) is the front vowel corresponding to the back vowel *aw*, not resembling the English *i* in “high”, “stile”, with which it is compared, but closely approximating to *a* in “hand”, “bad”.

Like *aw*, it is frequently, perhaps ordinarily, a single vowel. Thus the two words *hai to* (is indeed) sound to the average Englishman's ear not like "high toe", but exactly like "(Bishop) Hatto", and the word *'ayn*, exact, is to him indistinguishable from "Anne". The Urdu vowel is generally half long. Not infrequently it is a diphthong composed of the *a* in "Anne" followed by the *e* in "get". These are the nearest possible English equivalents. Phonetic symbols [hæ to] or [hæe to], and [æ·n] or [æen]. Cf. also *paydū*, born [pæ·da] or [pæeda]; *thailī*, bag [thæli or thæeli].

Cerebral letters: *t*, *d*, *r* are often said to be like English *t*, *d*, *r*, only more vigorously enunciated, and they are called "hard" *t*, *d*, and *r*. There is nothing vigorous in their utterance, and it would be just as correct to call them "soft" *t*, *d*, and *r*. They are neither harder nor softer than the corresponding front letters *t*, *d*, *r*. Cerebral or retroflex *ṭ* and *ḍ* are made like English *t* and *d*, but the point of contact is about $\frac{3}{8}$ in. from the upper teeth. I am conscious, however, that as no one can measure this distance in his mouth, the direction will not be of practical value. It will be better to say "far back on the hard palate". Note that *r* is very unlike the two American fricative *r*'s. English *t* and *d* do not occur in Urdu. The point of contact for *ṭ* and *ḍ* is considerably further back than for the English letters; for Urdu *t* and *d* the tip of the tongue is further forward than for English *t* and *d*, and the position of the rest of the tongue is of importance. See below under *t* and *d*. To make *r* the tongue is turned back slightly further than for *ṭ* and *ḍ*, and then brought forward with a flap, the under surface of the front of the tongue striking the roof of the mouth further forward than the point of contact for *ṭ* and *ḍ*. It is essential to *begin* far back, otherwise the acoustic effect will be wrong.

l and *n* are common in Urdu, but they are found only before *ṭ* and *ḍ*, and people imagine they are pronouncing ordinary *l* and *n*. If the *ṭ* and *ḍ* are correctly pronounced, the *l* and *n* will automatically come right. The most important point to remember about retroflex letters is that they have no effect whatever upon neighbouring vowels. Englishmen almost invariably allow them to influence the preceding and succeeding vowels. In the case of *ṭ* care is necessary to avoid the aspiration that accompanies English *t*.

v is generally described vaguely as being between English *v* and *w*. Sometimes it is said to be bilabial, i.e. made with both lips. In reality, however, the upper lip is not used in producing it. There is slight contact of the upper teeth with some part, it hardly matters

which, of the lower lip. Air may or may not escape at the sides of the point of contact, and there may or may not be audible friction. When the sound is doubled the friction is always audible. One would not be far wrong in saying that *v* is a very faint English *v*, but the acoustic effect is so different that an Urdu *v* in an English word like "very" strikes an Englishman at once as wrong, and Urdu speakers find it almost impossible to distinguish between the three English words "wail", "whale", and "veil". Symbol [v].

f is the corresponding surd.

'*ain* : few grammars attempt to tell how '*ain* is pronounced. Usually one is told that the pronunciation is very difficult and can only be learnt from an Indian. But a considerable majority of Urdu speakers never pronounce '*ain* at all, and the entire ignoring of it would cause no comment. It is far better to omit it than make an obvious effort to say it. In educated Delhi pronunciation '*ain* is generally omitted, but is pronounced in the following case.

A stressed *a* or *ā* followed or preceded by '*ain* is pronounced with slight, but noticeable, pharyngeal tension; or putting it in every day words one might say "with slight contraction of throat muscles". It should be noted that the '*ain* is not a consonant at all, it is mere muscular tension which lasts throughout the vowel. Vowels other than *a* and *ā* are not affected in this way.

Accented *a*, *i*, and *u*, followed by an '*ain* which is either (1) final or (2) followed by a consonant, are pronounced *ā*, *e*, and *o* respectively, but the '*ain* itself is not pronounced except as just mentioned. *ba'd*, after, becomes *bād* [bad]; *mi'da*, stomach, becomes *meda* [meda]; *shu'la*, flame, becomes *shola* [fola].

SOUNDS PRACTICALLY THE SAME AS IN ENGLISH

Premising that in English voiceless plosives generally receive clearly marked aspiration which must be avoided in unaspirated Urdu plosives, we may say that the following differ only very slightly from the corresponding sounds in English.

p, *b*, *k*, *g*, *m*, *n*, *ṇ*, *s*, *z*, *y* (phonetic symbols *p*, *b*, *k*, *g*, *m*, *n*, *ŋ*, *s*, *ʒ*). *l* may be added to the list provided that we understand only English clear *l*, as in "feeling", and not the dark *l* as in "feel". *ŋ* is always followed by *g* or *k*, but it is not true that *n* followed by *g* or *k* becomes *ŋ*. The four *z*'s—*z*, *z̤*, *z̥*, *ž*—are identical. Similarly the three *s*'s—*s*, *s̤*, and *s̥*—are the same.

SOUNDS CLOSELY RESEMBLING ENGLISH SOUNDS

ch, *j*, *sh*, *zh*. All these are pronounced with the tip and blade of the tongue further forward than in English, and *ch* must be as nearly as possible unaspirated. The best phonetic symbols for *ch* and *j* are *c* and *ɟ*, as it is not open to us to employ the misleading double signs which are found in some books. The symbols will then be (*c*, *ɟ*, *ʃ*, *ʒ*). These four sounds are produced with unrounded (i.e. not protruded) lips. The English sounds are generally made with rounded or protruded lips.

THE REMAINING CONSONANTS

t, *d* are the Italian sounds, uttered with the whole tongue raised so that the surface is against the palate, and the sides against all the upper teeth. Students are often instructed to make these sounds by putting the tip of the tongue against the front teeth. This will result in a noticeably wrong sound unless the surface and sides of the tongue are in the right place. *t* and *ɟ* are the same.

q is a *k* with the point of contact further back than the uvula. Unlike the corresponding Arabic sound it is completely unaspirated; in Arabic there is generally slight aspiration. *q* has no voiced equivalent.

r is made with a single tap of the tip of the tongue against the upper teeth ridge. It is almost the same as the so-called trilled *r* in Scotland, but it should be remembered that many Scotch people do not use it. In some Urdu words it is found double. It is then trilled. Such words are chiefly Arabic, some are Persian, a few are Hindi. The southern English *r* is quite different. Many English speakers who think they can say Urdu *r*, spoil it by the insertion of a neutral vowel. Thus for *tīr*, *aur*, *dūr* [*tī*-r, *ɔ*-r, *du*-r] they say [*tī*ər, *ɔ*ər, *du*ər].

When *r* is followed by *n* it is sometimes pronounced as an advanced fricative, thus for *varna* (*varna*) we may hear (*vaɳna*). It is dangerous to imitate this.

kh and *gh* are not unlike the German sounds in "ach" and "wagen" (except when this "g" is a simple *g*), but they are further back. The Scotch "ech" heard in "Muchalls", "Buchan", is like *kh*, but is further forward. The Urdu sounds, though far back, are gently enunciated, and are never trilled. In this they differ from Parisian voiced and unvoiced *r*. Symbols [*ʁ*, *ɣ*].

h is as in English, both voiced and unvoiced, but the sonant

variety is much commoner than in English. An *h* which follows a vowel and closes a syllable is often sonant, and one which comes between two voiced sounds nearly always so, i.e. the vocal chords vibrate while it is being uttered. The difficulty of Urdu *h* lies partly in its strongly vibrant quality (when sonant), and partly in its occurring in positions in which English *h* does not occur. The latter is nearly always found before an accented vowel, whereas in Urdu it is commonly joined to the plosive consonants, including *ch* and *j*, but excluding *q*, also to *r* and *ṛ*; it often ends syllables, and is frequent before unaccented vowels. Unlike English *h* it is never pronounced with the German “ich-laut”. The two letters *h* and *ḥ* are identical. Symbols: sonant [ʃ], surd [h].

The question of the influence of *h* or *ḥ* upon preceding vowels is very complicated, but one or two rules may be given here.

When accented *a*, *i*, or *u* is followed by an *h* or *ḥ* which is either (1) final or (2) followed by a consonant, the vowel is pronounced *ai*, *e*, or *o* respectively.

If the *h* or *ḥ* is followed by *a*, *e*, or *i*, the accented *a* which precedes becomes a short *ai*.

Similarly if the letter following *h* or *ḥ* is *ā*, the *a* becomes *ā*, but if the letter following *h* or *ḥ* is *u*, the *a* becomes a short *au*.

If the letter following the *h* is *ī*, *o*, *ū* the preceding *a* is not affected.

ih and *uh* occur seldom except in the circumstances mentioned above, and the words are generally uncommon words with the pronunciation not quite uniform. It would not be worth while attempting to give detailed rules.

The subjoined examples will illustrate the rules: *bahin*, sister [bæʃin]; *kahnā*, say [kæʃna]; *kahā*, said [kaʃa]; *kahe* [kæʃe]; *kahī* [kaʃi]; *bahut*, much [bɔʃut]; *pahunchnā*, arrive [pɔʃuncna]; *bahū*, daughter-in-law [baʃu]; *vuh*, that [voh]; *yih*, this [jeh]; *Dihlī*, Delhi [deʃli]; *muhkam*, firm, etc. [mohkam].

VOWELS

The vowels in general are formed with the lips more widely spread than in English.

ī, high front, like Italian *i*, higher than English *i* in “marine”. [i.]

i, not unlike English *i* in “fin”. [ɪ]

e, pure monophthongic vowel, higher than English *e* in “get”, lower than the vowel often heard in Scotch “take”, and not so tense,

a little lower than cardinal *e* [e]. Whether short, half-long, or long, it is the same vowel.

ay or *ai*, described above; higher than English *a* in "hand" [æ or æe]. See also diphthongs.

a, like *u* in English "bun", lips more spread [ʌ].

ā, not unlike *a* in "calm", but further forward [ɑ].

aw or *au*, described above; [ɔ or ɔo]. See also diphthongs.

o, pure monophthong, not unlike vowel often heard in Scotch "no", but slightly lower; lower also than cardinal *o* [o].

Diphthongs.

ai (ʌi) : rarely heard as [əi], e.g. *geī* [gəi], she went.

aw or *au* (sometimes) [ɔo]; see above.

ay or *ai* (sometimes) [æe]; see above.

u resembles the *u* in "pull" [ʊ].

ū is like Italian *u*, French *ou* [u].

Nasal Vowels.—All vowels may be nasalized. This nasalization is often described as "nasal *n*", which suggests that the writers believe there are some *n*'s which are not nasal.

Tones.—There are no tones in Urdu such as we get in Panjabi or Burmese.

Accent.—The only rule of practical value seems to me to be the following. I am speaking, of course, of the natural accent of conversation, not the artificial accent of poetry.

What is generally understood by "inflection" never causes the shifting of an accent from one syllable to another. Therefore :—

(i) If we know upon what vowel the accent in one part of a verb falls, we know how to stress the whole verb. e.g. *pahunchnā*, arrive, has the accent on first syllable. Consequently *pahunch*, *pahunchke*, *pahunchhēge*, *pahunchhāgā*, *pahunchnevāla*, *pahunchnevālī* all have the accent on the first syllable. *pahunchānā*, cause to arrive, has the accent on the third syllable and all other parts of the verb will have it there also.

(ii) The same holds of nouns, adjectives, and pronouns : *roṭī*, loaf; *roṭīā*, *roṭīo* (*roṭiyā*, *roṭīyo*); all accent on the first syllable.

Exception : some dissyllabic nouns ending in *-ā*, which have in the first syllable an accented *a*, *i*, or *u*, followed by a single consonant, tend in the plural inflected parts to throw the accent on to the *-ā* : *kha'ṭā*, sin, *khaṭā'ē*; *gha'ṭā*, cloud, *ghaṭā'ō*.

HINDI

The word Hindi bears many senses. It may be made to include languages like Avadhī, Rājasthānī, Braj, and Bihārī; it may be confined to "High Hindi" as found in the Hindi Bible and countless modern prose works. If we take it in the latter sense, the only practical one for our purpose, we are at once confronted with the difficulty of deciding how many people (some would add "if any") speak this form of Hindi in their homes, and where they live? If we pass on from that question and try to describe the pronunciation of this Hindi as read aloud from books written in prose, we still have to ask "read by whom? in what part of India?" To give any kind of satisfactory account of the pronunciation we must confine ourselves to the tract extending from Delhi and Saharanpur to Allahabad and Benares.

With this limitation we may say that the description of Urdu sounds given above will be correct for Hindi anywhere near Delhi. (Urdu *kh*, *gh*, *z*, *zh*, *g*, 'ain are not supposed to be found in *theṭh* or real Hindi. Some of these sounds may occasionally be heard.) As we go further east and south we notice certain changes, but the great majority of sounds remain unaltered.

Consonantal changes: *v* tends towards English *u*, and there is a greater tendency to confuse *b* with *v*, and *j* with *y*.

Vowel changes: tendency to confuse *i* with *ī* and *u* with *ū*. *ai* becomes more like *āī* or even *āī̃*, and *au* more like *āū* or *āū̃*.

Apart from these few points all that is said of Urdu pronunciation will apply to Hindi.

Of the special Hindi letters it should be noted that no distinction is made between the so-called *ri*-vowel and *ri*, between *ś* and *ṣ*, or between *ṇ* and *n*. This applies to the whole area.

GLOSSARY OF HINDI PHONETIC TERMS

THIS is an attempt, made so far as I know for the first time, to give a Hindi translation of all the more ordinary phonetic terms in use at present. Doubtless the list could have been enlarged by the inclusion of rarer words, but such a course might have lessened its utility. The phonetic words or phrases have been taken for the most part from a work by Professor Jones. They number about 180. A few of the Hindi equivalents will be recognized as common in works on grammar. They do not, however, carry one far. For the rest I have had to put down the words which seemed to me best to express the required idea. Pioneer work of this description is always capable of improvement. It should be undertaken not by an individual but by a learned committee.

The attention of students is drawn to a few points :—

(1) These phonetic terms are intended to apply to any and every language. They do not specially refer to Hindi or Sanskrit. It follows that a term which suits Hindi may have to be discarded because it does not suit English or French or other languages, e.g. *akṣar* for “syllable”.

(2) Old words used by Hindi grammarians must be used with a changed connotation and denotation. Thus, it is natural to use *avar* for vowel, but modern phonetic science will not admit that *ṛ*, *ṝ*, *ḷ*, *ḹ* are vowels. Again, *ghoṣ* seems to be the best word for “sonant”, and it must therefore apply to sonant vowels, but it may be questioned whether any Hindi grammarian ever contemplated this extension of its meaning.

(3) Spelling : I have aimed at spelling words as they are ordinarily pronounced in conversation by men of moderate education. There are one or two harmless deviations from this ; *ś* and *s* have the same sound to-day in Hindi. Some may criticize the employment of *ṇ*, but in my own pronunciation I always distinguish between *ṇ* and *n*, and some Indians do so. Sanskrit scholars will object to my venturing to alter hoary Sanskrit spellings, but before they hold up their Sanskrit hands in horror or lose any Prakritic hair I would beg them to consider that there is no more reason for giving Hindi words an ancient

dress than there is for using in English such forms as *knihte*, *briddes*, *constantia*, *societas*, *discipula*, *telegramma*, *geologia*, and others. In English we never dream of spelling *tatsams* or *semi-tatsams* after their Saxon, Latin, or Greek originals; we feel that we have as much right to alter them to suit our modern requirements as we have to alter any *tadbhav*. Hindi has the same right.

(4) Sanskrit words: I have not wholly avoided Sanskrit words. Some are rooted in grammatical terminology, and are understood by those who are likely to study phonetics. In protesting against every attempt to make Hindi a handmaiden to Sanskrit we must conserve the power it has of taking words from Sanskrit or any other language and assimilating them for its own purposes. Three Indian scholars who wrote in Hindi a large three-volume History of Hindi Literature, have some splendid pages on this subject. I give a translation of one or two sentences:—

“Hindi is the simple language of the people. (If it is rendered difficult by the adoption of Sanskrit forms) the only possible result will be that Hindi, like Sanskrit, will be numbered among dead languages. It is our sacred duty to save it from such a fate.” After giving examples of words which may correctly be spelt in several ways, they proceed: “Proud Sanskrit scholars may turn up their noses and raise their eyebrows at these forms, but Hindi fearlessly uses them all and will continue to do so. The truth is that the correct forms of words are those which people of ordinary education use in speech. If anyone writes other forms, we certainly admit them as a concession, but we have no hesitation in calling them improper. We hold that there is no harm in using new forms, and as regards *sandhi* we assert that Hindi is at perfect liberty to disregard it or conform to it at will.” These are brave words, and they are wise words. Let it not be forgotten that Sanskrit is dead, Hindi lives.

VOCABULARY OF HINDI PHONETIC TERMS

accent, see “stress”; tonic	alveolar, <i>masūre kā</i> .
accent, <i>ūchāi batānevālā bal</i> ,	artificial palate, see “palate”.
<i>uchchtā sūchak bal</i> , m.; quanti-	aspirate, aspirated, aspiration,
tative accent, <i>parimāṇ sūchak</i>	<i>mahāprāṇ</i> , m., <i>h-kār kī dhvani</i>
<i>bal</i> , <i>mātrā bal</i> .	(<i>vālā</i>).
affricate (consonant), <i>sparś-</i>	back, <i>pīchhe</i> , <i>pīchhe kā</i> .
<i>saṅgharṣī (vyānjan)</i> .	back of tongue, <i>jīb ka pīchhlā</i>
alphabet, <i>varṇmālā</i> , f.	<i>bhāg</i> , m.

- back vowel, *pīchhe kā svar*, m.,
pīchhlā svar.
 bilabial, *donō hōthō kā, dvyoṣṭhya*.
 blade of tongue, *jībh kā phal*.
 breath, *sās*, f., *śvās*, m.
 breathe, *sās lena* ; breathe out,
sās chorṇā.
 breathed sounds (so-called), see
 “voiceless”.
 broad transcription, *sādhāran lipi*
 (f.) or *lekhan* (m.).
 cacuminal, see “retroflex”.
 cardinal (vowel), *mukhya svar*, m.;
pradhān svar.
 change, n., *vikār*, m. ; v. *badalnā*.
 class (of letters, sounds, etc.),
varg, m.
 clear l, *sāf l-kār*, m.
 close vowel, *sakṛā svar*.
 compound, adj., *sāyukt*.
 consonant, *vyāñjan*, m. ; see
 “affricate”, “plosive”.
 consonantal vowel, *vyāñjan svar*,
 m.
 dark l, *moṭā l-kār*.
 dental, *dantya, dāntō kā* ; see
 “labio-dental”, “post-dental”,
 “pre-dental”.
 devocalization, *aghoṣ karnā* or
honā.
 dialect, *upabhāṣā*, f., *bolī*, f.
 diphthong, *do jure hue svar*,
dvisvar, m., *yaugik svar*, m.
 divide, *bāñtnā, vibhakt karnā*.
 division, *bhāg*, m., *vibhāg*, m.
 drum of ear, *kān kā patah*, m.
 ear, *kān*, m. ; see “drum”.
 epiglottis, *āvarṇ ka dhakṇā*, m.
 experimental (phonetics), *kal vālā*,
yantrvālā, yāntrik.
 explosion, *bhak*, f.
 food-passage, *ann kī nalī*, f.
 form, *ākār*, m.
 forward, *āge, āge kā*.
 fricative, *ragarṇevālā, saṅgharṣī*.
 friction, *ragar*, f., *saṅgharṣ*, m.
 front of tongue, *jībh kā aglā bhāg*.
 front vowel, *āge kā svar, aglā svar*.
 glide, *saṅkrāmak*, m. ; see “off-
 glide”, “on-glide”.
 glottal, *glauṭis kā* ; glottal stop,
hamzā, m.
 glottis, *glauṭis*, f.
 gum, *masūrā*, m.
 guttural, *gale kā, kaṇṭh kā*,
kaṇṭhya ; back guttural, *jihvā*
mūliya (vyāñjan, m.) ; gutturo-
 labial, *kaṇṭh aur hōthō kā*,
kaṇṭhausthya, gutturo-palatal,
kaṇṭh aur tālu kā, kaṇṭh-tālavya.
 half-close (vowel), *adh sakṛā, adh*
saṅkuchit.
 half-open, *adh khulā*.
 high vowel, *ñchā svar, uchch svar* ;
 this may mean “high voice” ;
 when there is danger of mis-
 understanding, we may say
ñche sthān kā svar.
 intonation, *sur*, m.
 inwards, *bhūtar*.
 inverted sounds, see “retroflex”.
 labial, *hōthō kā, oṣṭhya*.
 labio-dental, *dāntō aur hōthō kā*,
dantausthya ; see “bilabial”,
 “guttural”.
 language, *bolī*, f., *bhāṣā*, f.
 larynx, *śvās yantr*, m. ; *sās kā*
yantr.
 lateral, *ek or ka, or ka*.
 lax (vowel), *dhīlā (svar)*.

- length, *lambā*, f.
 letter, *achchhar*, m., *akṣar*, m.,
varṇ, m.
 lip, *hōṭh*, m.; lip-rounding *hōṭhō*
ko gol karnā, *hōṭhō kī golāi*,
hōṭhō kā barhānā.
 long, *lambā*, *dirgh*.
 low (vowel), *nīchā* (*svar*).
 lung, *phephrā*, m.
 membrane, *jhillī*, f.
 mid (vowel), *bīc kā*, *madhya*
(svar).
 mixed (vowel), *miśrit* (*svar*).
 monophthong, *ek svar*, m., *mūl*
svar, *śuddh svar*, *maulik svar* ;
 see "pure".
 mouth, *mūh*, m.
 mouth cavity, *mūh kā khol*,
mukh-vivar, m.
 narrow transcription, *byaurevār*
lekhan (m.) or *lipi* (f.).
 nasal, *sānunāsik*, *anunāsik*.
 nasal cavity, *nāk kā khol*, *nāsā*
vivar, m., *nāsikā vivar*, m.
 nasalization, *sānunāsiktā*, f.
 natural, *prākṛitik*, *svābhāvik*.
 nature, *prakṛiti*, f., *svabhāo*, m.
 neutral (vowel, etc.), *udāsīn*.
 nose, *nāk*, f.; see "nasal", etc.
 off-glide *saṅkrāmak kā dūsrā*
bhāg, *paśchāt saṅkrāmak*, m.
 on-glide, *saṅkrāmak kā pahlā*
bhāg, *pūrv saṅkrāmak*, m.
 open (vowel), *khulā* (*svar*).
 organs of speech, *bhāṣaṇ ke aṅg*
 or *avyav*.
 outwards, *bāhar*.
 palatal, *tālu kā*, *tālavya*; see
 "guttural".
 palate, *tālu*, m.; artificial do.,
banāvaṭī tālu, *kṛitrim tālu*;
 hard do., *kathin tālu*; soft
 do., *komal tālu*.
 phoneme, *dhvani śrenī*, f.; no
 accurate word, "*fonīm*," m.,
 may have to be used.
 phonetic, *dhvanyātmak*, *dhvani-*
śāstrik, *dhvanitāttvik*.
 phonetic sign, *dhvanyātmak saṅket*.
 phonetic theory, *dhvaniśāstrik* or
dhvanitāttvik siddhānt, m.
 phonetic transcription, *dhvan-*
yātmak lekhan (m.) or *lipi* (f.).
 phonetics, *dhvaniśāstr*, m., *dhvani-*
tattva, m.
 pitch, *sur*, m., *ūchāi*, f., *ūchāi*
nīchāi, f., *uchchitā*, f.
 place (of utterance), *sthān*, m.,
bhāṣaṇ sthān, m.
 plosive consonant, *sparś vyañjan*.
 post-dental, *paśchāt dantya*,
pichhle dāntō kā.
 pre-dental, *pūrv dantya*, *agle dāntō*
kā.
 prefix, *upasarg*, m.
 pronunciation, *uchchāran*, m.
 pure (vowel), *śuddh* (*svar*, m.),
mūl (*svar*), *maulik* (*svar*); see
 "monophthong".
 quadrilateral (of vowels), (*svarō*
kā) *caturbhuj*, m.
 quantity, see "length".
 resonance chamber, *nād vivar*, m.;
 see "sonority".
 retroflex, *mūrdhanya*; inverted
 vowel, *mūrdhanya svar*, m.
 rolled, see "trilled".
 rounded (vowel), *gol* or *barhā huā*
(svar).
 rounding, *golāi*, *gol karnā*; inner

- do., *pīchhe kī golāi* ; outer do.,
āge kī golāi.
 semi-vowel, *adh svar*, m., *antasth*.
 sentence, *vākya*, m.
 short, *chhoṭā*, *hrasv*.
 shortening, *chhoṭā karnā*, *hrasv*
karnā.
 sibilant, *ūṣam*, *ūṣm*.
 sign, *saṅket*, m.
 significant, *jis se arth mē bhed*
ho, *arth-sūchak* ; non-significant,
jis se arth mē bhed nahī, *arth-*
sūchak nahī.
 sonority, *sunāi*, f.
 sound, *dhvani*, f.
 speech, *bhāṣā*, f., *bhāṣan*, m. ;
 speech-sound, *bhāṣā dhvani*, f. ;
 speech-mechanism, *bhāṣan*
yantr, m., *vāk-yantr* ; speech-
 basis, *kisī kī apnī prāntik yā*
sthānik bolī.
 spreading of lips, *mūh caurā*
karnā, *mūh phailānā*.
 standard pronunciation, *prāmāṇik*
uchchāran, m.
 stop, *ṭahrāo*, m. ; stop-con-
 sonant, see “ plosive ”.
 stress, *bal*, m. ; sentence stress,
vākya bal ; one must trust
 to the context to distinguish
 this meaning from the other
 possible one, “ power of speech ” ;
 syllabic stress, *śabd ke kisī*
bhāg par bal ; word stress,
śabd bal ; to stress, *bal denā (ko)*
batī karnā (ko).
 stressed, *balī*.
 subsidiary cardinal vowel, *dūsrī*
śreṇī kā mukhya (or *pradhān*)
*sva*r.
- suffix, *pratyay*, m.
 surd, see “ voiceless ”.
 syllabic, *śabd ke kisī bhāg kā* ;
 see “ syllable ”.
 syllable, no word, use *bhāg*, m.,
śabd kā bhāg ; *akṣar*, letter,
 will not meet the case of words
 taken from English, French,
 and other non-Sanskritic
 languages.
 teeth-ridge, *masūrā*, m.
 tense, *taṅg*.
 throat, *galā*, m.
 tip of tongue, *jībh kī nok*, f.,
jihvāgra, m.
 tongue, *jībh*, f. ; base or root of
 tongue, *jībh kī jar*, *jihvā mūl*,
 m. ; see “ back ”, “ blade ”,
 “ front ”, “ tip ”.
 tongue-tip trill, *jībh kī nok kā*
kampan, *jihvāgra kampan*.
 tooth, *dānt*, m. ; see “ teeth-
 ridge ”.
 triangle (of vowels), (*sva*rō *kā*)
*tribhu*j, m.
 trill, n., *kampan*, m. ; v. i.,
kāmpnā ; v. t., *kampānā* ; see
 “ uvulartrill ”, “ tongue-tiptrill ”.
 trilled consonant, *kampan*
vyañjan, m.
 triphthong, *trisva*r, m. ; *tīn juṛe*
*hue sva*r.
 unaspirated, *alpprāṇ* ; *jis mē*
h-kār nahī.
 unrounded, *anbaṛhā*, *gol nahī*.
 unstressed, *nirbal*, *balhīn*, *durbal* ;
 see “ weak ”.
 unvoiced, see “ voiceless ”.
 uvula, *ghaṇṭikā*, f.
 uvular, *ghaṇṭikā kā*, *ghaṇṭikāvālā*.

uvulār consonant, *ghaṇṭikā vyañjan*.

uvular trill, *ghaṇṭikā kā kampan*.

variety of pronunciation, *uchchāraṇ kī bhinnā*.

velar, *gale kā, kaṇṭh kā, kaṇṭhya*.

vibrate, *kāmpnā*; v. t., *kampānā*.

vibration, *kampan*, m.

vocal cords (chords), *svar rajju*, m.

voice, *nād*, m.; voice-indicator, *nād sūchak*.

voiced, *ghoṣ*, *nād*; voiced plosive, *ghōṣ* or *nād sparś-vyañjan*;

voiced sound, *ghoṣ dhvani*, f.

voiceless, *aghoṣ*.

vowel, *svar*, m.; see "back", "cardinal", "close", "con-

sonantal", "diphthong", "front", "half-close", "half-open", "high", "low", "mid", "mixed", "monophthong", "rounded", "semi-vowel", "unrounded", "subsidiary".

weak, *durbal*; and as for "unstressed"; weak form of small words, *chhoṭe śabdō kā durbal uchchāraṇ*.

whisper, v., *phusphusānā*, *phus-phusāke bolnā*; n., *phus-phusāhaṭ*, f.

windpipe, *sīs ki nalī*, f.; *śvās nalī*, f.

word, *śabd*, m.

Phonetic Notes on Urdu Records Nos. 6825 AK and 6826 AK

THESE records were made in 1920 to the dictation of a well-known professional story-teller, Bāqir 'Alī, who belonged to Delhi.

A phonetic transcript which has been published is of great value for the study of Urdu sounds. I made the original transcript of both records and had two proofs printed. Professor Daniel Jones, Professor of Phonetics in the University of London, who has to take responsibility for the publication of all transcripts in this series, went over my second proof, made some alterations, and prepared the final proof, which was ultimately printed. He is, therefore, responsible for the transcripts in their present form. I have, however, my proofs before me. The differences between his final print and my proofs are slight, and this article gives our joint views. Where there is any necessity for distinguishing them they are marked with the initials J. for his views and B. for mine.

The importance of these transcripts consists in the fact that the records still exist, and may be heard by any one who wishes to test the statements made. It is one thing to claim to have listened to a particular speaker and taken down his sounds. The speaker disappears, and beyond the author's reputation for accurate recording, there is no certainty that the transcription is correct. It is a very different thing when, as in this case, the speaker cannot disappear, and, what is equally important, cannot alter his pronunciation.

The records afford me much pleasure, for they support, in almost every detail, views which I have long held as to Urdu sounds, and taught my students. They were given ten years ago in the *Bulletin*, Vol. II, iii, 539 ff. Practically all that article expresses my views to-day.

CEREBRAL SOUNDS, called also retroflex. The transcriptions do not indicate the exact point on the palate touched by the tip of the tongue, but the introductory remarks make it clear. "t, ḍ, ṇ, ṛ : point of contact not far behind the teeth ridge, in a few instances on the teeth ridge." This is what we should expect. Similarly Dr. Mohiuddin Qadri in *Hindustani Phonetics* says of t and ḍ : "their point of articulation is just behind the teeth ridge" (p. 73), and of ṛ : "the tip of the tongue strikes against the teeth ridge" (p. 92).

For the benefit of those who wish to study Urdu cerebrals, I indicate here those which in these records are specially far forward. I make the statement on my own responsibility. I have not consulted anyone else. The Nos. refer to page and line.

ṭ in *ciṭṭha* 2.8, *luṭai* 3.18. *ṛ* in *baṛa* 1.1, *larke* 1.6, *thoṛi* 3.3, *bare* 7.1. *ḍ* in *khaṇḍa* 5.15, *ḍub* 6.4, *buḍḍha* 6.24, 7.2, (but not in 7.3).

In *khatar* for *kaṭar* 5.16, and *latakne* for *laṭakne* 6.12 the *t* is dental. These are mere slips.

In the following instances the *ṛ* is rather fricative:—*baṛa* 1.1, *thoṛe* 1.5, *doṛa* 3.6, *larke* 3.8, *barhaē* 3.16, *bare* 7.1, *pakra* 7.12.

v is either a faint labio-dental *v* or a *ũ*. J. printed them all as *v* (except one *wo* 5.4, i.e. *ũo*). In my proof I marked several as *w*, meaning *ũ*. It is always safe to advise English speakers to say *v*, and not *w*. An English *w* always sounds wrong.

y between vowels is often *ě*. Thus the ending *āyā* occurs 13 times. B. records *aēa* every time; J. *aēa* 12 times, *aja* once. English people greatly exaggerate the *y* quality of the sound. Similarly the ending *-iyā* occurs 8 times. Both B. and J. transcribed *ia* every time.

'AIN. I unhesitatingly teach my students to ignore 'ain, in accordance with the usual practice of educated Delhi men in ordinary conversation. In the records there are eleven words containing 'ain when written in Urdu script. J. has recorded it in two out of the eleven. I did not consider it strong enough to be worth recording in any. This means that in the records the 'ain of the grammars does not exist, and all descriptions of how to pronounce it go for nothing. Even in words like *a'māl*, *mu'āf*, *'arṣe*, *'ayyāshī*, where it would be easy to pronounce 'ain there is no trace of it. The other day a Delhi man, who is himself a lecturer on Urdu, told me that there was no difference at all between *bād*, wind, and *ba'd*, after.

I will, however, add this. I have heard Urdu speakers, when speaking rather self-consciously, pronounce, with a slight restriction of throat muscles, vowels which immediately precede or follow the letter 'ain.

Hamza, which is only another name for glottal stop, is not recorded at all. It is important to note this in view of statements sometimes made. *Hamza* exists solely in writing.

ṛ is generally not an independent sound, but occurs before *ṭ* and *ḍ*. The word *sāḍnī* occurs four times, and every time is pronounced *sāppi*. *cāḍnī* is once *cāppi* and once *cāḍni*.

h is sonant except in the combinations *kh*, *ch*, *ṭh*, *th*, and *ph*. We may consider it under two main headings : (1) *h* initial or immediately following a vowel ; (2) *h* immediately following a consonant, to which it is more or less closely attached. The chief point which concerns us is to what extent is it omitted. In our records we have the following instances. (The word “unpronounced” must be understood as qualified by the addition “or at least inaudible”.)

(1) (a) Initial, as *ḥissa*, *ḥālat*, *hai*, 56 times pronounced ; 6 unpronounced (in *hai* 4 ; *hāṭ*, *hue*, once each ; *hue* appears as *ue*, printed *ve*).

(b) After vowel before *cs.* (including the combinations *rah-gae*, *rah-namūnī*, *kah-sunāēā*), e.g. *gunāhgār*, *bahne*, *pahlvān* ; pron. 12, unpron. 0.

(c) After vowel : pron. only in the word *tarāḥ* 3 times ; unpron. 17 : viz. *yēḥ je* 14 ; *voḥ ūo*, *mūh*, *jagah* once each. The *h* of *yēḥ* is never heard in these records, even though twice it is followed by a vowel. *voḥ* occurs once and is followed by a vowel, but the *h* is not sounded. The phrase *jagah hai* is pronounced *jaga æ*.

(d) Between vowels : as *kahā*, *mahallat*, *sarohī*, *sahāre*, together with the words *shahr*, *rahm*, *qaht*, which like other similar words are invariably dissyllables. *h* pron. 31 ; unpron. 16. All these 16 are in the second record, which is more conversational than the first. They are *kahā* 8, *nahī* 5, *suhānā* 2, *yahā* 1.

(2) *cs.* + *h* : (a) Initial ; examples : *choṭā*, *thorā*, *phirnā*, *jḥukāi* ; pron. 57 ; unpron. 0.

(b) Between vowels ; either with single *cs.* as *carḥo*, *inhō*, *ādhī*, *dekhā* ; or with double *cs.* as *acchā*, *bicche*, *buddhā*, *samjhā*, *barchī*, *khalkhalāḥaṭ* ; pron. 26, unpron. 8 (*muje* 4, all in more solemn first record ; *hātī* 4, all in second).

Of the 26, 17 are with single *cs.* and 9 with double. There is no instance of *h* omitted after double *cs.*

(c) Final ; never pron. ; unpron. 14, viz. *samajh* 3, *mujh* 2, *hāth* 4, *kucch*, *sīdh* 2, *dekh*, *bojh*, *kucch* 1 each. *h* is not pronounced in any of these. In 7 the *h* follows a sonant sound, and in 7 a surd. We should, however, notice that there is no instance of *-ṭh* or *-ph*.

(d) Followed by *cs.* pron. 2, *nikhrī* twice ; unpron. 1, *hathyār*.

VOWELS. The two most interesting vowels are those written in Roman script *-ai* and *-au*. We are almost always told that they are pronounced like *ai* in English *aisle*, and like *-au* in German *Haus* or *auf*, or *ow* in English *how*. Actually they are like *a* in “man” and

au in "maul". In both cases they may be either single vowels or diphthongs. When *ai* is a diphthong the second vowel is a variety of *e* (e or ε), and for *au* the second part is *o*.

The records confirm these statements.

The sound *ai* occurs 52 times and every time both of us have transcribed it æ with or without a second e or ε. Actually J. recorded it 26 times as simple æ, and 26 as a diphthong æe or æɛ. B. 28 times as æ and 24 as æe, æɛ. The important point is that neither of us ever recorded the vowel in "aisle".

The following are details :—

ai or *aĩ* final, as in *hai*, *ai*, *haĩ*, *maĩ*, 28, of which 22 are æe or æɛ and 6 æ.

Not final, as in *maidān*, *naiza*, *aisā*, *paidā*, *saif* 6 times. Here B. had a majority of simple æ and J. a majority of æe.

ai for -ā followed by *h*, as in *shahr*, *pahlvan*, *bahnā*, *rahm*, *qaht*, *kah*, *rah*. This occurred 18 times, and every time B.J. transcribed æ. Therefore stressed -*ah*, final, or followed by *cs.*, is always pronounced æ.

au occurs in *aur* 21 times ; *daulat* 2 ; and once each in *daurā*, *aulād*, *faulādī*, *qarautī*, *aubāsh*, *muhtāj*. (This last word is often *prn. mohtāj*) 29 altogether. The records show almost always the sound of English -*au* in *maul*. J. records 28 out of 29 as ɔ or ɒ ; in the 21 cases of *aur* he has ɔr 20 times and ɛr once. I have marked one *aur* as ɔr, and in other words have twice transcribed the vowel as ɔ : elsewhere always with ɔ or ɒ.

In the remaining words J. has ɔ 5 times and ɒ 3 times. Thus, altogether, out of the 29, J. has a simple vowel ɔ 25 times, ɛ once, and the diphthong 3 times. B. had the diphthong only twice.

Conclusion. The normal *pron.* of the vowel is always either ɔ or ɒ, and the simple ɔ is much the commoner of the two.

The vowel ʌ, stressed or unstressed, usually tends towards ɔ.

The influence of h on preceding short vowels. I explained this in detail in the article referred to. The records before us confirm the statements there made.

Stressed -*ah*. When -*ah* is either followed by a *cs.*, or final (and stressed), it is not ʌf but æf. There are 18 instances here, and in every case the vowel is æ. There is not a single case of ʌ.

It should also be noted that *rahm*, *qaht*, *shahr*, *hukm*, written as monosyllables, of which there are 8 instances, are always disyllables. Students should be made to pronounce them so, and plainly told that to pronounce them as monosyllables is wrong.

'*ahā*, e.g. *rahā*, *kahā* (so too *yahā*, *vahā*), i.e. 'āh followed by *a*, is always 'āhā 'aha.

The preliminary notes say that the first vowel in words like *kahā* (sometimes transcribed **Δ**) is **a**-like. This may be seen also from the transcription. Of words of this type there are 18. *J.* has the **a** in 13 cases and **Δ** in 5 (it being understood that this **Δ** is **a**-like). *B.* transcribes it in every case -**a**.

Few examples occur of the other cases mentioned loc. cit., p. 545. '*ih* and '*uh* final or before *cs.* become *e* and *o*. Here we see it in the word *yih*, which is always **je** and in the one case of *wuh* which is *vo* or *ūo*. '*ah* followed by *ī*, *o*, *ū* is unchanged, see **kahī**, **kahū**, **nahī**, **naī**.

No conclusion can be drawn from the word *nahī*, for it is unique, with several common pronunciations. One may hear **nahī**, **naī**, **nī**, **nehī**, **nei**, **nahī**, **naī**.

h followed by **u** (not **u**) tends towards **o**, e.g. **bōhut**, **pōhunca** (in the record the **u** has become absorbed in the *h*).

In connection with the English habit of reducing final unstressed **a** and **e** to **ə**, and **i** to **ɪ** it is worthy of note that in these records we have final unstressed -*a* 168 times, all of which are pure -**a**; final unstressed -*e* 110 times, every time correctly uttered -**e**; final unstressed -*i* 98 times, every time correctly uttered -**i**, never **ɪ**. Bāqir 'Alī, when reciting, was apt to heighten final *e* to **ɪ** or **i**, *o* to **u** or **u**. Thus the word *ki* usually pronounced *ke* or *kī*, is sometimes as high as *kī* in the records, and is rarely *ke*.

The *izāfat* occurs 8 times, as in *ulfat e padarī*, *nān e shabīna*. It is always **e**, never **i**. This is the more remarkable in view of the speaker's frequent use of high vowels, but it is correct.

Nasal Vowels. Apart from recognized nasal vowels, there is a tendency to nasalize all vowels in contact with nasal consonants. Thus *ne* may become *nē*, and *gulāmō* *gulāmō*.

In words usually written with a final *cs.* + *r* there is always a vowel before the final *r*; e.g. *fakhr*, *shahr*, become **faxər**, **šəher**.

The negative *na* is often joined to the following word and pronounced **na** or **nə**.

The most important conclusions from the records are:—

(1) *ai*, *au* are pronounced **æ** (sometimes **æɛ**) and **ɔ**; thus *paidā* is **pæda** (or **pæɛda**), and *tauba* is **təba**.

(2) The point of contact for the cerebral sounds *t*, *d*, *ṛ* is slightly behind the teeth ridge.

(3) '*ain* may be ignored.

(4) *qāf* is very weak, often not distinguishable from *kāf*.

APPENDIX

6794 AK. Prodigal Son

Recited by Maulānā Saifi, of Lucknow, May 16, 1920

Transcribed from the record by T. Grahame Bailey

In order to complete these notes, I add a few remarks on a Lucknow record of the "Prodigal Son". So far as I know, Professor Jones has not heard it. It does not differ much from the two Delhi ones, and for conversation, as distinct from recitation, it is a safer guide. This is specially noticeable in its pronunciation of *au*, *ai*, final *-e*, and final *-o*.

ek jaxs ke do larke the ; choṭe ne bap se kaha "Abba jān, mal mata mē mera hissa mujhe de dijie. us ne apna sarmaṛā donō ko bāt dia. thore hi dinō mē choṭa beṭa apni cizē samet samet ek dur daraz maqam par calta hua, or vahā apna mal badcāl ni mē u'ra dia. jab vo kul dōlat barbad kar cuga, to us mulk mē saxt kal para, or vo nan e jabina ko mohtaṭ ho gea. us vaqt ek ra'is ke darvaze ja para, jis ne use apne khetō par suar carane bhej dia ; faqa kaṭi se je nobat pohnci thi ki jo ki bhusi jo suarō ko di jati æ, agar use koi deta, to usi se baxuji apna peṭ bhar leta ; lekin koi itna bhi ravadar na'tha.

jab vo apne hof mē aēa to socne laga ki mere bap ke kītne hi mazdur bafaragat khate pite hē, kuch andaz bhi karte hē, or mē bhukō mar raha hū ; bap si jakar kjū na kehū ki mē xuda ka or ap ka gunahgar hū, ab mē ap ka farzend kēhe jane ke laiq nehī, mujhe apne mazdurō ke zumre mē rakh lijie. pas utkar sidha apne bap ke pas cala. abhi fasle par tha ki bap ne use ate dekha, dorkar gale laga dia or pjar karne laga. beṭe ne kaha "Abba, mē xudavand e karim ki or ap ki nazarō mē mujrim hū, or ab is kabīl nehī ki ap ka beṭa kēhlaū". lekin bap ne apne mulazimō ko hukam dia "acchi se acchi pofak, nguṭhi, juta ise pinhao, or ek farbeh bachra lakar kabab lagao ki sab mēze se khāe or xujiā manaē, is lie ki mera beṭa markar zmda hua hē, khokar phir mila hē."

vo log ṭehl pēhl mē masruf hue ; bara beṭa os vaqt khetō par tha ; palaṭkar jab maka magan ke karib pohnca to raks o farod ki avaz kan mē ai ; ek mulazim ko bulakar darjaft kia ki ji kja ho raha hē ? " us ne arz kia " ap ke bhai sab æ hue hē, or ap ke abba jān ne unē sahi salamat pakar ek farbeh bachre ki kurbanī karai hē." je sunkar vo naraz hua or ghar ke andar na gea. us vaqt bap nikla or use manane laga. asna e javab mē bap se os ne kaha "gazab xuda ka, itni muddat se mē ap ki xidmat kar raha hū or kisi vaqt

ap ki hukam uduli nehī ki, lekin kabhi ap ne ek bakri ka bacca bhi mujhe na dia ki mæ apne dostō ki davat karta. magar jab ap ka je larka aēa jis ne ap ki dōlat ajjaji mē ʋa dāli to ap ne us ke lie mōṭa taza bachra zaba karaēa hæ." us ne kaha "beṭa, tum to hameṣa se mere sat ho, or mere pas jo kuc hi hæ vo sab tumara hæ, lekin jafan karne or xuf hone ka jehi mahal hæ, ki tumhara bhai markar zinda hua hæ, khokar phir mila hæ".

Notes

au and *ai* are single vowels ɔ and æ respectively ; thus *daulat* is dōlēt and *maī* is mæ.

Final *-e* and *-o* are not so high as in the Delhi records.

ā is almost always ə ; when very markedly so, it has been transcribed ɐ, otherwise ʌ. For this vowel the Delhi records are preferable.

v is nearly always ũ.

ṭ and *ḍ* have point of contact generally just behind teeth ridge ; in a few cases a little further back.

ṛ tends to be fricative ; point of contact not far from teeth ridge. In the record it occurs eleven times ; of these nine or ten are rather fricative, and only one or two have a real strike. The strike pronunciation is to be recommended.

h is ɦ except in *kh*, *th*, *ṭh*, *ch*, *ph*.

‘ain. Words written with *‘ain* occur five times, but the *‘ain* is never pronounced.

qāf. There are eleven instances of *qāf*. The pronunciation varies from *q* to a back variety of *k*, on the whole nearer *q* than *k*.

§ 1, l. 5. *cuga* for *cuka*.

§ 3, l. 2. *maka magan* is a reciter's slip for *makan*.

NOTE ON COL. LORIMER'S PHONETICS OF GILGIT
SHINA (*JRAS.* Jan., pp. 1-42; Apr., pp. 177-212)

[Since the following Note was sent to the printer, I have received a letter from Col. Lorimer in reply to one of mine touching *inter alia* on the definition of cerebrals. He writes: "On this definition of cerebral the results of my inquiries essentially agree with yours. The case seems to be the same with aspirates."]

Colonel Lorimer's article is a moral tonic. It is impossible to be a pessimist while there is a scholar who can write in this way. In spite of his experience and careful ear-training he writes with a modesty, which in a tyro would be becoming, and in a scholar is charming. If we owed him nothing else, we should be heavily in his debt for this one fact here clearly set down, that, even for a well-trained ear, to distinguish between cerebrals and non-cerebrals or between aspirated and unaspirated sounds is a matter of extreme if not insuperable difficulty (except for one who has made the distinction from childhood). The present note deals with this difference. In our *Journal* for July, 1921, I stated that *Ṣiṇā* contained a series of cerebral sounds *ṭ, ḍ, ṛ, ṇ* (*ḷ* in one dialect), *ṣ, ẓ, ẓ̣*, and *j̣*, marked off from non-cerebrals, and a series of aspirated surds distinguished from non-aspirates; further that *ṭ, ḍ, ṛ, ṇ, ḷ* and *ṭh, th, kh, ph, ch*, are as distinct from *t, d, r, n, l* and *t, t, k, p, c* respectively as they are in North India. I still hold this.

We must leave on one side inquiries into such points as the following: (a) relative frequency; (b) exact place of articulation; (c) causes; (d) etymology; (e) division into primary and secondary; (f) importance, for this is only a matter of the meaning of the word "important";

they are neither more nor less important than in Urdu, Panjabi, Hindi, or Bengali; and we must confine ourselves to the inquiry—do the two series exist or do they not? A superficial reading of Colonel Lorimer's article may give the impression that he denies their existence, but if one reads it carefully one sees that his investigations confirm my statements at almost every point.

First a matter of definition. What is a cerebral? The author, modestly mistrusting his own observations, has based all his remarks upon a definition taken from a book on phonetics. Unfortunately the definition is wholly incorrect. It gives the point of articulation as "the highest part of the roof of the mouth about the junction of the hard and soft palates", and tells us that "the tip of the tongue must be firmly pressed" against this place. If this is correct, probably no cerebral is ever heard between Cape Comorin and the Pamirs, either in *Ṣiṇā* or in any other language. As regards the "firm pressing" it is a sufficient answer to say that the contact of *r* in a word like *ghorā* takes less than one-hundredth part of a second; and as regards the place, the proper point of articulation is *anywhere* on the hard palate behind the teeth ridge. When, therefore, Colonel Lorimer says of certain *Ṣiṇā* sounds that they are not "true cerebrals" or that "they are not rightly described as such", he means merely that they are not cerebrals in the sense of the above definition, and I entirely agree with him. *Ṣiṇā* certainly contains no such cerebrals, nor does Urdu or Panjabi.

Now two questions emerge: (1) Do Colonel Lorimer's observations support the view of the existence of cerebrals and non-cerebrals, and of aspirated and unaspirated sounds? (2) When he sets himself to make these distinctions is he generally correct? The answer in both cases is an unhesitating affirmative. Let us take them in order. The quotations and page-numbers are from his article.

(1) pp. 17, 18, he gives a list of words with forward *t*, and another with back *t* (i.e. dental and cerebral *t*).

p. 18, "*t* slightly further back than normal . . . the difference is recognized by Shina speakers."

p. 20, "a *d* produced slightly further back than normal," "a decided cerebral *ḍ* exists."

p. 25, "it is possible that *n* is sometimes post-alveolar" (i.e. cerebral).

p. 30, "a sound which on first hearing I mistake for *r*, on examination found to be cerebral *ḍ*." This "mistake" is very creditable to Colonel Lorimer's ear, for it is not a mistake at all. The sound in question is cerebral *r*.

p. 38, "there is a distinct cerebral *ḍ*": (in certain circumstances) "*t, d, r* are cerebralized and *n* is similarly influenced": (in certain other cases) "*t, d, r* are post-alveolar or pre-cerebral." As we have seen, these terms are other names for "cerebral".

On p. 188 is a list of words containing cerebral *n*, and on pp. 186, 187 a list of words with cerebral *ḍ*.

The author quotes a competent Śīṇ whom he calls S.R. Thus, on p. 210, "S.R.'s *ḍ* sounds to me like English *r*." It is, in fact, *r*, cerebral *r*. Again, "S.R. agrees about (post-alveolar or pre-cerebral) *t, r, n*": i.e. recognizes cerebral *t, r, n*. We must again remind ourselves that when Colonel Lorimer says that *t, d, r*, etc., are post-alveolar or pre-cerebral, he means what we call cerebral. The cerebrals in modern Indian vernaculars are also post-alveolar or pre-cerebral. They are not cerebral in the sense of the definition.

(2) Now we come to aspirates.

p. 196, "the difference between aspirates and non-aspirates is recognized by intelligent Shina speakers, and the difference may constitute the sole difference between similar words."

On pp. 198, 199, is a list of words containing aspirated and unaspirated plosives respectively.

p. 207, "factors important in distinguishing words (otherwise) identical are . . . aspiration."

p. 211, "S.R. is pretty clear in his own mind as to what are and what are not aspirates."

Let us now examine the author's lists of words containing cerebrals, non-cerebrals, aspirates, and non-aspirates. On pp. 17, 18, words with dental or cerebral *t*. The distinction has been made with absolute correctness.

p. 20, a list of post-alveolar (i.e. cerebral) *d*'s—perfectly correct, except that perhaps by a clerical slip, the two words **ḍam** and **ḍam** are interchanged. As printed the words are **ḍam be**, all together, and **du ḍam**, twice. The first should be **ḍam**, and the second **ḍam**.

pp. 186, 187, a list of words with cerebral *ḍ*, said to be "much more akin to *r*". As stated above it *is* cerebral *r*. In this Colonel Lorimer's ear guided him aright. All the words in the list do actually contain either *r* or (in two or three cases) *ḍ*.

p. 188, a list of words with cerebral *n*—correct.

pp. 198, 199, long lists of aspirates and non-aspirates. I agree with all but two or three.

We may conclude that in the author's opinion—

(i) *Ṣiṇā* (besides *d*, *t*, *n*, *r*) contains cerebral *ḍ*, *t*, *n* (what he calls post-alveolar or pre-cerebral), and in addition another cerebral *ḍ*, "much more akin to *r*," i.e. cerebral *r*.

(ii) The distinction between aspirates and non-aspirates is recognized by S.R. and other *Ṣiṇā* speakers; and further that—

(iii) when Colonel Lorimer prepares special lists of words to indicate the distinctions nearly all his words are correctly chosen. I think I could hardly have asked for a fuller endorsement of my judgment in the matter.

On p. 191 the author suggests that on "so simple a phonetic matter" as cerebrals I would claim that I was "not likely to be mistaken". This is an important point of principle. I should reply: No, on the contrary I should like every language scholar to keep before him on his desk the following words printed in large and clear letters: "Sounds to which you have not been accustomed all your life you will probably never be able to recognize clearly or produce correctly. If

there is an exception it will only be the result of prolonged phonetic study and almost superhuman effort." Now it is quite true that I have no difficulty in recognizing these cerebrals and in distinguishing aspirates, but it is not because they are *per se* "easy phonetic matters": the reason is that I was born among them and have used them all my life. I cannot recall a time when they were not perfectly familiar to me.

ARE THE FOUR SERIES (FRONT *t, d, r, n*; BACK *t̪, d̪, ɾ, ɳ*; ASPIRATES, AND NON-ASPIRATES) FOUND IN SINA?

The article of my old friend, Sir George Grierson (Misc., *JRAS.*, Oct., 1924), raises some interesting points. The greater part of it is devoted to a protest against the common use of *mūrdhanya* and "cerebral". I pass over the former, as I did not use the word, and go on to two points connected with "cerebral". It is advisable to touch on these two very minor details in order to clear the way for the discussion of the real question.

Minor point (i): the meaning usually assigned to "cerebral".

In many of the Indian vernaculars there are pairs of sounds generally represented by *t, t̪ : d, d̪ : r, ɾ : n, ɳ* (and others with which we are not now dealing). In each case the point of articulation is further forward for the first-named than for the second. "Dental" and "cerebral" are conventional terms applied by Orientalists and philologists to the forward set and back set respectively. They *may* be unsuitable terms, but they hold the field at present, for they are employed in this sense by countless Orientalists, including Sir George Grierson himself. To take the latest instance, Professor Turner tells me that in his article on Sindhi Cerebralization (*JRAS.*, Oct., 1924) he has used them in this purely con-

ventional sense without regard to the actual place of articulation. Similarly, Professor Jules Bloch, referring to his monumental work on Marathi, writes : “ Il va de soi que je n’ai pas voulu employer le mot cérébrale dans un autre sens que le sens conventionnel.”

Phoneticians, however, dislike the word “ cerebral ”, and prefer “ retroflex consonant ”, which Professor Jones defines as “ made with the tip of the tongue against any part of the hard palate, i.e. between the back of the teeth-ridge and the junction of the hard and soft palates ”. The Orientalist’s “ cerebral ” is a relative term, the phonetician’s “ retroflex ” is a precise definition. When I write for Orientalists I use “ cerebral ”, but when a year ago, writing as a phonetician, I attempted to translate into Hindi all the more usual phonetic terms, it did not even occur to me to include “ cerebral ”.

The question of nomenclature is relatively unimportant ; what concerns us more is the nature of the sounds indicated.

Before proceeding we must remind ourselves of the enormous advance made by the science of speech sounds in the last few years. Indian sounds are now being scientifically studied by Europeans and many of them are known with accuracy : the descriptions of them in standard Grammars are out of date and cannot be appealed to. This science has revealed *inter alia* three facts : (1) a man usually pronounces his native language well according to his own particular dialect, but is apt to go wrong and give wrong information when being questioned ; (ii) the description of a speech sound is an extraordinarily difficult matter, and anyone who wishes to attempt it requires a long course of phonetics. This shows us the reason for the unreliability of most descriptions written by Indians ; (iii) a man may have a scholarly knowledge of a language without an accurate knowledge of its sounds.

Minor point (ii) : Where are these “ cerebrals ” articulated ?

Professor Daniel Jones is probably the most eminent living exponent of speech sounds, and very few Oriental scholars have spent as much time as he in the study of Indian sounds.

He states his opinion that in the Indian languages whose sounds he has studied the furthest back "cerebrals" are found in the Dravidian languages, but that even in their case the place of contact is no further back than half-way along the hard palate. In one of his books there is a diagram of a typical retroflex consonant. Articulation takes place at a point between two-ninths and three-ninths of the distance from the back boundary of the teeth-ridge to the junction of the hard and the soft palate. In another book he tells us that the Singhalese "retroflex *ʈ* and *ɖ*" are articulated "a little further back than English *t* and *d*".

Mr. Lloyd James, Phonetic Lecturer in University College, a very able phonetician who has given great attention to the study of African and Indian sounds, mentions as the place of articulation for Indian "cerebrals" "anywhere from the alveolar position to half-way between the teeth-ridge and the end of the hard palate".

The greatest authorities on Bengali sounds are Mr. Sutton Page and Dr. S. K. Chatterji. Mr. Page says that the place of articulation for Bengali "cerebrals" varies from an alveolar position to about a third of the way between the teeth-ridge and the junction of the hard and soft palates. Dr. Chatterji, speaking of his own pronunciation, says for *ʈ* and *ɖ* "just behind the teeth-ridge", and for *ʑ*, beginning in the same place but striking against the teeth-ridge with the under surface of the tongue.

I myself have made a first-hand study of languages from Darjiling in the east to beyond Kashmir (to the *Ṣiṇā* country and Hazara in the north-west), and in that area extending for more than 1,500 miles I have not come across a "cerebral" further back than half-way along the hard palate.

It will thus be seen that, so far as is at present known to science, *no Indian language possesses a "cerebral" sound which has a point of articulation further back than the middle of the hard palate.*

In the same way "dental" is a conventional term. In

point of fact a majority of the sounds which Orientalists call "dental" are alveolar. Usually *t* and *d* are dental, and *r*, *n*, *l* alveolar, but they are all conventionally called "dental".

The main question : Are the four series found in Ṣiṇā ?

Let me emphasize the fact that this is the sole real issue. The inquiries as to the meaning of "cerebral" and the exact place of articulation are so subordinate as to be almost irrelevant.

Having cleared the ground, we proceed to the main problem, which is twofold. (i) Has Ṣiṇā got any of these pairs, and if so which ? Col. Lorimer and I assert that it has four pairs, viz. *t, ṭ : d, ḍ : r, ṛ : n, ṇ*. (ii) Does it distinguish aspirated from non-aspirated sounds ? We say that it does. In both cases the two sets are as plainly distinguished as in other modern Indian vernaculars. The agreement of his views with mine is a fact of great interest, for we approach the study from different standpoints. Col. Lorimer, whose humility and honesty impart an abiding fragrance to all his writings, has stated over and over again that he does not trust his ear in the differentiation of these sounds. He therefore endeavours to obtain information by direct interrogation. After long experience, he knows better than most the difficulties of the task. I have used the sounds all my life and can trust my ear. His results are derived from inquiry, mine from observation. The striking thing is that they agree. His views must be sought in his latest writings, not in the *ad interim* reports of his investigations printed in the *JRAS.*, January and April, 1924. His mature conclusions are given in his article on Ṣiṇā Transitive Verbs (*Bull. Sch. Or. Stud.*, vol. iii, pt. iii, 1924). Knowing that he had written this article, I asked him to indicate by his method of transcription all his latest decisions. It will be seen that throughout he distinguishes "cerebrals" from non - "cerebrals", and aspirated sounds from unaspirated.

Let us examine it to see whether it agrees with my conclusions. There are 385 instances of *t, d, r, n*, each of which

might have been printed either "cerebral" or non-"cerebral", and 500 sounds which he might have written either aspirated or unaspirated—885 sounds in all. I am acquainted with the words used by Col. Lorimer in this article, and in every single case I agree with his transcription of them. Greater unanimity than this would be inconceivable. Be it remembered that we were not writing words whose stereotyped spelling could be looked up in a dictionary; we were putting down new words in a virgin language. It will be noticed that he always writes *thoiki*, to distinguish it from *toiki* which is incorrect; *t^hoiki* is a mere variant of *thoiki*.

Another line of investigation is Khān Sāhib 'Abdu'l Hakīm Khān's testimony. Sir George Grierson says that the Khān Sāhib's views differ from mine. This can be tested. In *Ling. Surv. Ind.*, vol. viii, pt. ii, pp. 171–2, a text prepared by him may be found. In it are 380 sounds which might have been printed either aspirated or unaspirated. He has marked them one way or the other, according to the evidence of his ear. In these 380 instances there is one sole case in which I differ from him—one out of 380, perhaps a mere slip. We come to "cerebrals" and non-"cerebrals". There are 174 possible cases. In one there is an obvious oversight, for an ending several times given correctly is once given wrong. I omit this. There is one other word, *uth*, which in Urdu and Panjabi is *uth*, *utth*. This has twice been wrongly printed with *t*. It may be a printer's error. There is no other word in which I differ from him. If even we count these two we get 172 points of agreement to two of disagreement. As a matter of convenience, not of mathematical accuracy, let us add the two results. We then get 3 points of difference in 554 instances—approximately a half of one per cent. A degree of agreement so amazing bewilders one. Remembering the possibility of author's clerical errors, copyist's blunders, printer's mistakes, I should have been prepared for 10 per cent of difference, and should still have considered that we were entirely in accord. But here we have two men, the Khān Sāhib and

myself, one an Indian, one a European, working in different years, in different places, with different people, on an unknown tongue not reduced to writing, and yet producing results with 99½ per cent of agreement. Such a measure of agreement—100 per cent with Col. Lorimer and 99½ per cent with ‘Abdu’l Hakīm Khān—is unbelievable, it is uncanny, yet it is fact. The whole range of the Linguistic Survey will probably not furnish anything approaching to a parallel, nor, I should think, will any other linguistic work.

This makes it clear that these distinctions between “cerebrals” and “dentals”, and between aspirates and non-aspirates, are not accidental or imaginary, that they do not depend upon individual speakers, but are real and permanent.

Minor point (iii): There remains only the question of the place of articulation of Ṣiṇā “cerebrals” and “dentals”. Sir George proposes that we should call nearly all Ṣiṇā *t*-sounds, and presumably *d*-sounds, alveolar, never dental or cerebral, and remarks that much of what he has said applies also to *n* and *r*. I do not mind what terms are used so long as they convey the facts, but I should be a little afraid that Sir George, in carrying so far his protest against the usual use of the terms, might create misapprehension. However, I will here set down the place where the sounds are articulated, and he can then choose those terms which will best indicate to scholars the nature of the sounds and, in particular, the fact that the two series are rigidly separated from one another. The same terms will have to be used for Bengali, Marathi, Urdu, Panjabi, and other Indian vernaculars, for to use one set of terms for Ṣiṇā and another for the same sounds in other languages would tend to confusion.

Ṣiṇā “dentals”: (i) pure dental, made right on the teeth: *t*, *d*, final *l*, and in certain circumstances *n*. (ii) alveolar, made on the teeth-ridge: *r*, non-final *l*, and *n* (except as above).

Ṣiṇā “cerebrals”: *t*, *d*, *r*, *n* against the hard palate, point of articulation varying according to definite rules, from a little behind the teeth-ridge, but not on it, to about a third of the

distance along the hard palate ; the exact position depends on accompanying vowels.

Note.—An alveolar *n* in a few words attracts a following *t* or *d* to an alveolar position.

I have taken Col. Lorimer's views, correctly I believe, from his letters and latest article. In his last communication, dated 20th November, 1924, the following statements are made : "two *t*'s and two *d*'s are consistently distinguished by intelligent Śiṇā speakers. The distinction is significant." They speak also of a third *d*, which his chief informant is "prepared to write as *r*", and he himself is "inclined to think" may be *r*. (To describe it as *r* is correct. I hope to deal with it in a systematic exposé of Śiṇā sounds.—T. G. B.) Śiṇā speakers, he adds, also consistently distinguish *t*, *ṭ*, *k*, *p*, *c*, *c̣*, from *th*, *tḥ*, *kh*, *ph*, *ch*, *cḥ*. "There is," he says, "no question but that aspiration in Śiṇā is significant."

Sir George asks how I can be so positive about the "cerebral" *r*. I answer—because I have used it since babyhood. Like Alexander Pope

I lisp'd in cer'brals for the cer'brals came.

Having known them all my life I cannot now confuse them with other sounds.

May I strongly urge that in future writing on this subject attention should be directed solely to the question of the existence of the four series in Śiṇā—as in other Indo-Aryan languages, and that until all are agreed on this point, inquiries into the three minor points mentioned above should be deferred ?

Prof. Bloch's admirable words about the "dental" and "cerebral" series cannot be bettered :—"C'est là l'essentiel : les faits peuvent varier dans le détail, l'écartement entre les deux points d'articulation peut être \pm grand, la rétroversion de la langue peut être \pm forte dans le cas de la 2e série, ce qui importe, c'est l'existence de deux séries."

DENTALS AND CEREBRALS IN SINA

Sir George Grierson's kind words about the debt he thinks he owes me have greatly touched me; I am proud to acknowledge my far deeper debt to him; a friendly discussion, the best way of reaching the truth, gives me special pleasure; he is criticizing not me, but most living Orientalists. He admits (*JRAS.*, April, 1925, p. 313) that "cerebral" includes two classes of sounds, (a) cerebral sounds (edge of soft palate), and (b) sounds "written locally with cerebral letters". The first are not known to exist: so far as we know, India has none (*ib.* Jan. 1925, p. 89): the second, called "cerebral" by most scholars, are found all over India. The same sounds in languages which are rarely (as *Ṣiṇā*) or never (many Hindi and Lahndi dialects). locally written, are rightly attached to this class and called "cerebral" by Professor Turner and other philologists. Otherwise the claim of a language to cerebrals would be admitted only if and when some local patriot wrote in it.

I know well the difference between "letter" and "sound", but wish to avoid pedantry. Strictly speaking "cerebral letter", "cerebral *t*", "retroflex sound", and the very word "cerebral", are pure nonsense, yet one uses these terms. I try to be scrupulously fair in evidence, and as it would be most unfair to quote in phonetic matters the opinions of men whose competence lies in literature, grammar, or philology, I deprive myself of such support.

Sir George refers (with approbation, alas!) to two old mistakes of mine made long ago, when, though knowing the sounds and able to distinguish them from others, just as well as now, they being my native sounds, I had insufficient

phonetic knowledge, and like other writers in similar case made mistakes in description. It shows once more that without thorough phonetic training it is impossible to describe sounds correctly. In my books written years ago (including *Ṣiṇā Grammar*, written 1917), the popular descriptions of sounds, their nature, and difference from other sounds, may be taken as correct, but phonetic details must be treated with reserve. Northern Panjabi cerebral *ṭ*, *ḍ*, *ṇ*, *ḷ*, are articulated about a third of the way along the hard palate, (Laiḥndi just behind, Southern Panjabi in front; tongue-tip contact for *r* further forward than for *ṭ*, *ḍ*, *ṇ*, *ḷ*).

But my chief interest in *Ṣiṇā* sounds for the past seventeen years has been to establish beyond question the fact that there are two series *t*, *d*, *n*, *r*, and *ṭ*, *ḍ*, *ṇ*, *ṛ*, and that they are approximately the sounds denoted by these symbols in the Panjab and U.P. A few people have written on *Ṣiṇā*, but only Colonel Lorimer and I have studied and described the sounds. I may refer to my article, *Bull. Sch. Or. Stud.*, vol. iii, pt. iv, 1925, on "The Sounds of *Ṣiṇā*", written in collaboration with Colonel Lorimer and Miss Armstrong. Aspirates are also dealt with. For dentals and cerebrals see, too, *JRAS.*, Jan. 1925, p. 92, and for the striking confirmation by 'Abdu'l Ḥakīm's text, *ib.* p. 91.

THE SOUNDS OF ŠINĀ

CHART OF ŠINĀ CONSONANTAL PHONEMES

	Bi-labial	Labio-dental	Dental	Alveolar	Palato-Alveolar	Retracted	Palatal	V
Plosive	p, b, ph		t, d, th			t, d, th		k g
Affricate			ts, tsh		c, j, ch		ç j çh	
Nasal	m		(n)	n	ɲ	ɳ	(ŋ)	ŋ
Lateral			(l)	l		(ɭ)		
Tapped				r		r		
Fricative		f, v		s z	ʃ ʒ		ʂ ʐ	x
Vowel glide							j	
A-pirate	h, fi in any vowel position.							

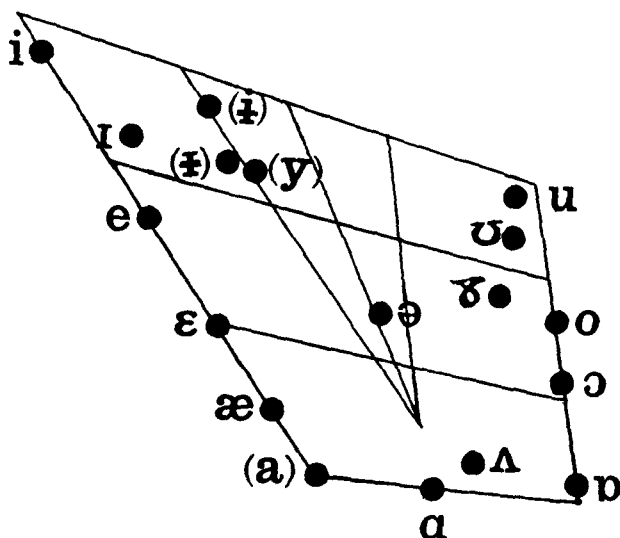
p is strictly speaking dento-alveolo-palatal.

Symbols in brackets indicate subsidiary members of other phonemes.

In my *Shina Grammar* just published there is a popular description of the sounds written eight years ago in India, when it was impossible for me to consult anyone. Now I should like to alter some of it. In phonetics advance is so rapid that one's descriptions are out of date almost as soon as they are written. Happily it is all advance. There is no retrogression.

In order to indicate graphically the sounds of a language one must (i) decide what sounds are found in it, (ii) group them in phonemes, assigning one symbol to each phoneme (not to each speech sound), (iii) show their tongue position or place of articulation by correctly placing them on a sound chart. A phoneme may be *popularly* defined as a distinct, essential, and significant sound of a language, minor variations being disregarded.

CHART OF ŞINĀ VOWEL PHONEMES



Most of the above vowels are found nasal as well as non-nasal. I do not remember nasal ə, ɒ, ɔ, ʌ.

Section I gives Col. Lorimer's and my joint views, with such qualifications on his part as are inserted within square brackets followed by the initial "L". Section II contains a number of minuter details for which I alone am responsible. The sound charts have been prepared by Miss Armstrong and myself. Col. Lorimer is in general agreement with them, but does not wish to commit himself to all the details ["regarding which I do not feel competent to form definite opinions": L.]. No two people speak a language alike; in India, especially in hilly regions, there are differences from village to village. Col. Lorimer and I worked with different men in different years. There are therefore naturally a few minor variations in our estimates of sounds. This holds in particular of vowels.

SECTION I

There are approximately 64 to 68 phonemes in Şinā, of which 40, including aspirated sounds, are consonantal. [Add "w": L.] This number may be slightly increased or decreased after further investigation; thus ʒ, ʒ may be varieties of j, j. [I think they are: L.] But for the present it may be accepted as practically correct. Of these phonemes, sixteen consist of pairs of advanced and retracted consonantal sounds, as follows. (The difference is significant.)

Advanced:—**t, d, c, ʒ, n, r, ʃ, ʒ**; retracted:—**ʈ, ɖ, ɟ, ɟ̣, ɳ, ɠ, ʁ**. [The retraction of **ɟ, ʒ (z), ɳ, ʁ** is often so considerable as to be obvious to a European ear: L.] There are seven sounds which are found both aspirated and unaspirated, the difference being significant: **p, t, ʈ, c, ʈ, ɟ, k**; aspirated, **ph, th, ʈh, ch, ʈh, ɟh, kh** [**ph** being interchangeable with **ʰf** or **f**: L.] Sonants are not aspirated.

The dental fricatives **θ** and **ð** (English *th* in *think* and *then*) are not heard in Šinā. The velar fricatives **χ** and **γ** (sometimes interchangeable with **kh** and **g**) are generally found in loan words such as **khuda** or **χuda**, God: **jaγistan**, Yāgistān. They are faintly pronounced.

There are approximately 24–28 vowel phonemes, 14 non-nasal vowels, 10 or more of these also nasal. [a doubtful: L.] **i** and **ɪ** are retracted to **ɨ** and **ɤ** when one of the sounds **ɟ, ʒ, ɳ, ʁ** immediately follows or precedes. **u** is advanced towards **y** in a few words. Doubtless some law, not yet discovered, governs this fact. In the meantime, we may enter **y** as belonging to the **u** phoneme. [I know the change only as occurring optionally in a few words, when there is an **i** vowel in the next syllable: L.]

Some of the vowels appear in certain cases to be interchanged. Such are **ɑ, ʌ, ə, æ: i, ɪ: o, ʊ, ə, u: e, ɛ**.

c, ʒ, ʃ, ʒ are not unlike English *ch, j, sh, zh*, but are unrounded and more advanced: **c** is unaspirated. **ɟ, ʒ, ɳ, ʁ** are the corresponding retracted sounds: lips unrounded.

b, m, g, n, s, z do not differ appreciably from the corresponding English sounds; **p** and **k** differ from English *p* and *k* in lacking aspiration.

f and **v** are not unlike English *f* and *v*, but are fainter. The friction is less and the acoustic effect is different. **v** is sometimes weakened to **ʋ** [? L.]

r is a single tap *r* as sometimes heard in Scotland or in English *thrill*.

ŋ is as in English, but when accompanying **-i** is very far forward.

j is less consonantal, i.e. is more like **e** than in English. [T. G. B.'s medial **j** is often omitted by me, or rendered by **i**: L.]

SECTION II

ɲ is not unlike the Italian and French sound [I agree: L.], but is further forward. It is made with the blade of the tongue against the alveolar ridge behind the upper teeth.

t, d are dental: **ʈ, ɖ** are the corresponding retracted sounds.

Their position is normally the same as in Panjabi, and Urdu, but when accompanying high front vowels, they are more advanced.

ŋ is never initial : when medial it is the same as in Panjabi, but is further forward when final or with a high front vowel.

r is as in Urdu and Panjabi. It is never initial, and rarely [if ever, L.] final.

h following a vowel tends to become sonant, but otherwise is as in English.

b, g, d, ɖ are sometimes, and **l, r** always, partly or wholly devocalized when final. [With more phonetic knowledge I should probably agree. I frequently have final **p, k, t**, corresponding to medial **b, g, d** : also sometimes final **s, c, ʃ**, corresponding to medial **z, ʒ, ʒ(j)** : L.]

The numbers in the following paragraphs refer to positions between the cardinal vowels. The nature of the vowels is shown by their position on the chart.

e has a position of about $1\frac{1}{2}$.

ɛ in the diphthong **ɛi** has a range of approximately 3 to $3\frac{1}{2}$.

a is probably a member of the **ɑ** phoneme. "i" in a following syllable advances **ɑ** from $4\frac{1}{2}$ to about 4, i.e. to **ɑ** : **ɑːlɾ** "he came" ; **ɑːli**, "she came."

ɔ is heard chiefly in loan-words : **mɑːlɑː**, "Sunni priest," **gɔɡɑː**, "noise."

o is about $6\frac{2}{3}$: an unrounded and advanced variety of it, **ɤ**, is always short. **ɤ**, when final and unstressed, has a range of about $6\frac{2}{3}$ to $7\frac{1}{2}$. In Roman letters therefore one writes it sometimes -o and sometimes -ü.

ʌ is very low, not much above **ɑ** : **ʌʌʃ**, "mother-in-law."

Tone.—There is a low rising tone heard in a certain number of words. Its first part occurs always in a stressed syllable ; the second part is about a tone higher than the first. The rule for its incidence is not known except to this extent that all abstract nouns ending in -**ar** and all conjunctive participles have it. Thus **bari ar**, "greatness" ; **ʃɤʒi**, "swollen" ; **thɛ**, "having done."

Words illustrating cerebrals and aspirates : **ji ne**, "living" ; **ji ne**, "rows" : **tam**, "swimming" ; **tam**, "falling," "shutting" ; **tham**, "cleaning," "sweeping" : **cak**, "pitchfork" ; **chak**, "day" : **bat**, "stone" ; **bat**, "rice" : **bari bari**, "a big pond" : **khep**, "time" ; **kep**, "rock" : **par**, "last year" ; **phar**, "turn" : **ek dam**, "altogether, etc." ; **ek dam**, "once" : **khvɤ**, "shawl" ; **kvn**, "ear."

wehlā, *adj.*, at leisure.
 whalā, *adv.*, then, in that case.
 widdh, *f.*, boil in vagina.
 widdī, *f.*, troublesome profitless work.
 widdnā, arrange (marriage). prepare (huqqa). spread out to dry (san).
 will, *f.*, moisture.
 willnā, *v.*, get moist.
 wirenā, *v.*, be quiet (of child).

Y

yabb, *f.* (*gen. pl.*), silly talk (mārnā).
 yaddhnā, *v.*, copulate with (abuse), *i.q.* jaddhnā.
 yōrōyōrī, *adv.*, by force.
 yūsaf khūh, what the dove says (*lit.* 'Joseph in the well,' referring to doves having told where Joseph's brethren had put him).

Supplement to the Panjabi Dictionary.

A

ā, pronominal suffix, to thee, for thee.
 abbaḥ haftā, *m.*, Saturday.
 addokhore, *m. pl.*, unevennesses, ruts in road.
 adhlāmī, half and half.
 adhlhūthā, *adj.*, appetite half satisfied.
 adhmāhnū, *m.*, abortion of 4 or 5 months.
 adhraṅgī, *f.*, palsy.
 adrā, *adj.*, separate.
 agath, *m.*, star rising in January about midnight, *Canopus*.
 āggaḥ, *m.*, word in *khaddī* or well.
 aggōwālī, *f.*, meeting a person.
 ainj, *adv.*, thus, bravo!
 air, *m.*, tracks, lines on ground.
 ajokā, *adj.*, belonging to to-day or this day next week.
 akānā, *v. tr.*, weary, bore.
 akhe, he said, they said, one says (for *ōs ākhēā*).
 alhar, *adj.*, beardless.
 alī, *adj.*, beardless.
 anchāttā, *adj.*, not passed through sieve.
 anchōp, *adv.*, quietly.

āndā, *pa. part.*, brought (rest of verb not used).
 andārhiā, *adj.*, beardless.
 andī, *f.*, iron band round *thippā* in *khṛās* (corn-mill).
 āṅke, having come (from *aunā*, come).
 anrhātā, *m.*, night-blindness.
 aṇwānā, *v.*, cause to bring.
 ar, *m.*, one of cross pieces in cart-wheel.
 ār, ārpār, *m.*, consideration, thought, attention.
 arānā, *v.*, low (of cattle, buffaloes).
 arer, *m.*, the biggest of the *arērīā*, also *rer*: see next.
 arerṇā, fix *arerīā*, on *māhl*, also *rerṇā*.
 ariṅgnā, *v.*, low (especially of buffaloes).
 artānā, *m.*, night-blindness.
 athāīā, athāīwā, *adj.*, twenty-eighth.
 athīwā, *adj.*, twenty-eighth, especially twenty-eighth day of Ramzān.
 āthri, *m.*, full-time servant of farmers.
 atte, *adv.*, altogether, with negative, not at all.
 atthar, *f.*, tear.

atthrū, *m.*, half choking in drinking.
 augghī, *f.*, bunch of thread in loom.
 auhr, *f.*, straitness, difficulty (illness, &c.).
 auhr, *f.*, rainlessness.
 auj, *m.*, trouble.
 aukar, *f.*, difficulty, straitness.
 aukhat, *f.*, difficulty.
 aukrā, *adj.*, inimical, tyrannical.
 aulā, *m.*, niche in wall for warming milk.
 aulū, *m.*, hollow into which water falls from *nisār*.
 awāghatt, *adv.*, suddenly.
 awāzār, awājār, straitened, in difficulties.

B

bā, *f.*, sense, intelligence.
 babbar, *m.*, large bit of earthenware.
 babbrī, *f.*, small bit of earthenware.
 baccā, *m.*, broad iron hoop inserted in well to preserve it.
 baddhā ruddhā, *adj.*, bound, unwillingly.
 badobadi, *adj.*, by force, under compulsion.
 bāggar, *f.*, paring of lower end of *narī* and *ḍattā* in huqqa (*kaddhā*).
 bagalgān, *f.*, offensive smell from mouth, &c.
 bahālnā, *v.*, seat.
 bair, *m.*, string joining two wheels of *khambar* in *carkhā*.
 bājū, *m.*, cross pieces of wood in *dharakkar*.
 bākṛā, *adj.*, pertaining to sheep, goats, hence collective = sheep and goats.
 bakhāhndī, *m.*, quarreller, from *bakhāhnd* *m.*, quarrel, noise.

balellar, *adj.*, senseless, foolish.
 banjar, *adj.* or *n. m.*, poor, almost barren land.
 bannh, *f.*, hump of bull.
 banne, *adv.*, outside.
 bannī, *f.*, little *bannā*, or bank between fields.
 barar, *m.*, rope round *bair*, to prevent breakage.
 bārī, *f.*, preparation of green parched *jaū* for eating.
 barkī, *f.*, mouthful.
 bāṭī, *f.*, iron or brass vessel.
 bāulā, *adj.*, mad.
 berara, *m.*, add, 'wheat and *jaū* (barley).'

bhā, *m.*, opinion, view, mere *bhā dā*, according to my opinion.
 bhagānā, *v.*, squint (of eyes).
 bhaggi, *f.*, accusation, slander.
 bhambirī, *f.*, circular piece of wood in spinning-wheel between *khambar* and *munnā*.
 bhān, *f.*, bits of cotton fallen from pod = bhann.
 bhaṅgānā, *v.*, squint (of eye).
 bhankar, *m.*, change for money.
 bhantrik, *m.*, plan, arrangement.
 bhārū, *m.*, ram, big lamb.
 bhetnā, *v.*, defile (ceremonially).
 bhirāi, *f.*, fighting, gen. *larāi* *bhirāi*.
 bhitt, *m.*, half of double door, window.
 bhittar, *adj.*, old, useless (of earthen vessel).
 bhōg, *m.*, account, mention, (*pānā*).
 bhōhrā, *m.*, women's and girls' spinning bee
 bhrā, *m.*, brother.
 bhurharēān, bhrhēān, *f.*, smell of burnt cloth, leather, &c.
 bhussā, *adj.*, pale through illness. heat. &c.

bibta, *f.*, trouble, affliction =
biptā.
billā, *m.*, non-folding Quran
stand with legs, wooden
catch for door.
biṭī *f.*, receipt (especially
railway), article consigned.
birā, *m.*, roll of tobacco com-
posed of three larīā.
birī, *f.*, thread round *taraklā*
of *carkha*.
bohjā, *m.*, pocket.
bormā, *m.*, *ghī* and sugar
(*khaṇḍ*).
brū, *f.*, gen. plur. brūṣ, thresh-
hold of door.
bucc, *m.*, small tuft of shrub.
&c.
bujhārat, *f.*, riddle.
bujjī, stopper made of feather
in shuttle (in loom).
būli, *m.*, kind of bull-dog.
bulle, *m.*, *pl.*, (lutne) amuse
oneself, have good time.
būṇḍā, *m.*, tail of bird.
būṇḍā, *m.*, rope attaching
gādhī to *tīr*.
būrā, *m.*, sawdust. fine wood
shavings.
burkṇā, make noise like camel.
buttnā, vomit.

C

cābbī, *f.* (1) key, (2) iron peg
in iron sugarcane-press.
cākhṛī, *f.* stick connecting
fork of *gādhī*.
cakkā, *m.*, heap of wooden
sleepers.
cakkal, *m.*, vertical cogged
wheel of well.
cakkirāh, *m.*, wood pecker.
cakkṇā, *v.*, lift, = *cukṇā*.
cambṛī, *f.*, one of 4 iron nails
in cart.
cāmerikk, *f.*, bat (animal).
camṛī, *f.*, bit of leather in
guddī of *carkhā*.

cāṇā, *v.*, lift.
candra, *m.*, hail.
caṇḍī, *f.*, corn on foot, &c.
cappṇā, *m.*, earthen lid
of vessel.
car, *f.*, oblong hole in ground
over which large quantities
of food are cooked.
cārāpārā, *m.*, compensatory
days inserted in Hindu
month.
caraklī, *f.*, vertical cogged
wheel of well.
careprī, *f.*, bit of caked earth,
e.g. in pond.
catākā, *m.*, slap.
cāṭī, *f.*, *gharā* with wide
mouth.
caukhar, *m.*, cattle.
chābrī, *f.*, shallow basket,
especially for sweetmeats.
chacch, *f.*, long hair (animal).
chaheṛū, *m.*, scum of boiled
ghī.
chajj, *m.*, basket.
chailī, *f.*, deep basket made
of reeds.
chainī, *f.*, small iron, pointed
wedge.
challī, *f.*, ear of maize, roll of
thread on *taraklā* in *carkhā*,
calf of leg.
chān, *m.*, what is left in sieve
after *ātā* has passed through
it.
chattā, *m.*, man's lock of hair.
chāṭṭa, *adj.*, what has passed
through sieve.
chappar, *m.*, instep, eyelid.
char, *m.*, long crook for bring-
ing down branches.
charāchāṇḍ, *adj.*, alone, un-
married.
chattrī, *f.*, pigeon-roost.
chekre, *adv.*, finally.
chenjā, *m.*, large basket made
of twigs.
chenjī, *f.*, small basket made
of twigs.

cherū, *m.*, herdsman.
 cheti, *adv.*, quickly.
 chetnī, shoemaker's iron-pointed tool.
 chīhrā, *m.*, hard *gur*.
 chikkā, *m.*, rope muzzle for cattle.
 chill, *f.*, rupee.
 cho, *f.*, ceremonial defilement.
 chohli, *f.*, haste.
 chōi, *f.*, dry leaves of sugarcane.
 chōṇā, *v.*, defile ceremonially.
 chūṇā, *m.*, earthen cover for vessel.
 cilittar, *m.*, deceit.
 cilittri, *adj.*, deceitful.
 cinjh, *f.*, point, nib of pen.
 cippi, *f.*, broad, short-handed wooden spoon for hot *gur*.
 cirkā, *adj.*, late.
 citt, *m.*, mind, heart.
 cittar, *m.*, little round ornament.
 copā, *m.*, iron pointed digging instrument.
 corichappi, *adv.*, by stealth.
 cūcā, *m.*, chicken.
 cugarn, *m.*, eclipse of moon, sun.
 cuhā, *m.*, quarter of *parōpī*.
 cuhāi, *f.*, quarter, especially of land.
 cukai, *f.*, pulley in loom.
 cūli, *f.*, Hindū word for *krūli*, rinsing mouth.
 cumba, *m.*, round hole over which food and *rahu* are cooked.
 cūṇḍwī, *f.*, plaited lock over women's temple.
 cūṅ cor, *m.*, thief with whom stolen property is left.
 cupkitā, *adj.*, quiet, silent.

D

dād, *f.*, one of 4 pieces of wood between upper and lower parts of cart.

dag, *m.*, kind of common dog.
 dākarnā, *v.*, vomit.
 darānak, *f.*, wood passing through *tur* in loom = *gadrānak*.
 daropā, *m.*, measure containing two *topas*.
 dattā, *m.*, upright stem of *huqqa*.
 dalhūthā, *adj.*, with appetite half satisfied.
 dall, *f.*, old, unused well.
 daḷṇā, *v.*, chop firewood, break grain.
 dambūsā, *m.*, tool for flattening down road.
 dāṇḍ, *f.*, swelling from blow (*carṇi*).
 dāttar, *m.*, large toothless sickle, crook for bringing down branches.
 daurēā hoēā, mad, foolish.
 dawākhā, *m.*, recess in wall for lamp.
 dhaddhar, *m.*, ringworm.
 dhaklā, *m.*, large lump of cowdung.
 dhānā, *v.*, be of effect, have effect.
 dhāngar, *m.*, tall leafy plant (about 10 feet high).
 dharā, *m.*, dry *āṭā* added to *chapāṭi*.
 dharakkar, *m.*, two cross beams in *dhōl* and 1 in *caraklī*.
 dharkonnā, *m.*, berry of *dhrek* tree, man of sour disposition.
 dhaur, *m.*, wood next *tal-eāth*, under *parānā* (well).
 dhauri, *f.*, bag-shaped leather, ready for colouring by *kikkar* bark.
 dhenḍhla, *m.*, big cake of cowdung.
 dhikkna, *v.*, shove, drive.
 dhīngri, expletive with *fulānī*.
 dhoddar-kā, *m.*, raven = *doddar-kā*.

[N.S.]

ḍhol, *m.*, horizontal wheel of well.
 dhrañjhñā *v.*, cough violently.
 dhraṇṇar, *m.*, large rash, flea-bites, marks of scratching.
 dhraṇṇā, *v.*, sink down, *e.g.*, centre of roof, ground.
 dhrehmā, *m.*, gentle rain.
 dhruṇā, *v.*, drag.
 dhuccnā, *v.*, be washed (clothes, &c.)
 dhumāna, *v.*, noise abroad.
 dhumñā, *v.*, get noised abroad.
 dhupñā, *v.*, be washed (*e.g.* clothes).
 dhūr, *m.*, *rahu* while being cooked.
 ḍicc, *adj.*, warned, annoyed.
 dihñ, *m.*, sun.
 diḥkḍārī, *f.*, trouble, annoyance.
 diūrī, *f.*, wooden lamp-stand.
 ḍoggar tāra, *m.*, name of a planet.
 ḍokkaḷ, *adj.*, having large udder and giving little milk (camel, cow, buffalo).
 ḍolnā, *v.*, pour out.
 dudhārnī, *f.*, vessel for boiling milk.
 duhājñū, *m.*, duhājñan, *f.*, twice married.
 dukh, waddā dukh, leprosy.
 dullar, *m.*, rope of two strands.
 dusāṅgā, *m.*, piece of wood at end of warp.

G

gabbhē, *adv.*, under armpit.
 gabbhī, *f.*, part between fingers and toes.
 gadrānak, *f.*, wood passing through *tur* in loom (= darānak).
 gāhd, long horizontal pole of iron sugar-cane press.
 gaib, *f.*, dip in road, especially in pakka road.

gail, *f.*, track of cart.
 gainthī, *f.*, pick-axe.
 gāhk *m.*, purchaser.
 gālā, *m.*, cross wood above millstone in *khrās*.
 gandalnā, *v.*, become muddy (water).
 gandhrī, *f.*, bundle.
 gangālñā, *v.*, foul (water).
 ganglēā, *adj.*, muddied (water).
 gann, *m.*, piece of wood in circular part of cart-wheel.
 gannh, *f.*, bad smell
 gannī, *f.*, edge of eyelid (upper or lower).
 gannī, *f.*, one of pieces of wood composing *ḍhol* and *caraktī*.
 garle, *m*, *pl.*, gargling.
 garmī, *f.*, indigestion.
 garowā, *m.*, man who makes *gur*.
 ghāhgā, *m.*, broken off neck of *ghara* or *tiñḍ*.
 ghair, *f.*, sound of something which one attentively listens for.
 ghair, *m.*, dull haze.
 ghañ, *m.*, bees?
 ghasmailrā, *adj.*, dust coloured, brown.
 ghassā, *m.*, delay, loss, (laggnā).
 ghasunnā, ghasunn, *m.*, blow from fist.
 ghaswattī, *f.*, touchstone.
 ghattnā, *v.*, used in composition with passive sense, *e.g.*, wāh ghatteā, was ploughed.
 ghawā, *m.*, stick for stirring *rahu*.
 ghirlī, *f.*, piece of wood, near *muthiya* in ox yoke.
 ghisi, *adj.*, sliding along ground.
 ghommā, *m.*, absence of wind.
 ghoṛī, *f.*, piece of wood supporting *marṛār* in *jhallan*.
 ghukkā, *m.*, (i) cowry, (ii) hole in *āḍ* or *gharā* (painā).

ghumaiḥ, *f.*, underground dove-cot.
 ghurāki, *f.*, angry appearance of eyes (*laini*, *watni*).
 ghutkal, *f.*, slander, back-biting.
 gīcī, *f.*, part of back of neck.
 gīṭ, *m.*, swelling (glandular).
 gīṭi, small glandular swelling.
 gir, *f.*, giri, *f.*, meat in fruit stone, edible part of mango.
 girāri, *f.*, iron cogged wheel in iron sugar-cane press.
 gītā, *m.*, stone.
 gōggā, *m.*, child's word for bread.
 gōmmā, *m.*, absence of wind.
 gōt, *adj.*, wet (*hojānā*).
 gubb, *f.*, blow with fist.
 guddi, *f.*, one of three upright pieces of wood in *carkhā*.
 guggal karnā, *v.*, spoil (an affair).
 guggalnā, *v.*, be spoiled (an affair).
 gujālī, *f.*, wheat mixed with barley, better than *gojji*.
 gujjhā, *v.*, be hidden.
 guli, *f.*, pure *kañh*, bellmetal.
 gum, *m.*, absence of wind.
 gungalnā, *v.*, became muddy (water).
 gutkā, *m.*, piece of iron in iron sugar-cane press.
 gutth, *f.*, direction between any two of four cardinal points of compass.
 gutthī, *f.*, purse.

H

hāē māē, *adv.*, without difficulty, easily.
 hal, *m.*, oxen and plough, contrasted with *hall*, *f.*, plough.
 hālī, *adv.*, at present, now.
 hambnā, *v.*, grow faint (wind, person).

hanāi, *adj.*, brown (paper).
 hanakk, *adv.*, unjustly, without reason = *nahakk*.
 hanḍhānā, *v.*, wear out (tr).
 hanḍhnā, *v.*, wear, wear out (intr.)
 haneknā, spoil, gen. in passive of well, cart, *welna*, person (e.g. through cold).
 hangirā, *m.*, kind of large ground lizard.
 hanorā, *m.*, pride, boasting = *mān*.
 harbāci, *f.*, right or left side of jaw.
 hatt, *m.*, well.
 hatti, *m.*, man who sits on *gādhī* and drives the oxen.
 haulṭā = haulā, light (not heavy), small.
 hekh! hekkhā, *interjection* (disbelief and astonishment).
 hī, *f.*, side piece of bed or side door post.
 hīyyā, *m.*, rainbow.
 hohā, *m.*, slight puff of wind.
 hūā! *interj.*, used to incite dog.
 hubārā, *m.*, one of radiating pieces of wood in *bair*.
 hūi hā hā hā, *interj.*, to incite dog.
 huliya, *m.*, description.
 humbī, *f.*, capering, jumping about (*mārnī*).
 huṅghārā *m.*, agreement, saying 'yes' (*bharnā*).
 huṅglānā, *v.*, nod sleepily.
 hūñjā, *v.*, sweep.
 hūñte, *m.*, *pl.*, riding on, (*laine*).
 hussarnā, *v.*, be irritated, worried, be distressed through heat.
 hutṭar, *m.*, excuse, pretence.

I

I, pronominal suffix, to thee, for thee.

ijjar, *m.*, flock of goats.
sheep.
ikārā, *adj.*, single (cloth &c.).
ittī, *f.*, name of small piece of
wood to which (1) warp is
tied, (2) *kalā* are tied.

J

jabdē, *adv.*, quickly, recently.
jāc, *f.*, experience, skill.
jāg, *f.*, lymph, fermentation.
jāgō mīṭī, *adj.*, half asleep.
jam jam ! *interj.*, by all means,
certainly, welcome.
jāmnū, *m.*, Eugenia jambolana
and its fruit.
jāmnū, *m.*, iron or brass binder
binding *narī* to *ḍattā*.
jandri *f.*, vessel for preparing
sewā.
japphal, *adj.*, one variety of
the game *kauḍḍī*.
jātak, *m.*, boy.
jātkrī, *f.*, girl.
jatt, *f.*, longish hair (animal).
jāwātrā, *m.*, son-in-law.
jē, pronominal suffix, for you,
to you.
jhabērā, *m.*, quarrel, noise.
jhāgnā, *v.*, endure.
jhai, *f.*, angry appearance
(*lainī*)
jhākī, *f.*, window.
jharapnā, *v.*, catch.
jhatē binde, *adv.* repeatedly.
jhau, jhaw, *adv.* quickly,
recently.
jhiggā, *m.*, shirt.
jhiggī, *f.*, boy's shirt.
jhissnā, *v.*, lose heart = *jhissi*
khānī.
jhōl, *m.*, mixture of *ghi* and
sugar and milk.
jhōpnā, *v.*, catch (ball, &c).
jhulānnī, *f.*, little room where
Muhammadans cook food.
jhusmusrā, *m.*, morning twi-
light.

jī āēā nū ! welcome.
jī saddke, welcome.
jindar, *f.*, mud and dirt at
bottom of well.
jist, *m.*, lead.
jōtrā, *m.*, string attaching
parts of loom.
juman, *m.*, power, strength.

K

kābula, *m.*, iron bolt.
kāgānī, *m.*, goat with very
long hair.
kāhd, *f.*, one of the pieces of
wood in lower part of
carkhā.
kahl, *f.*, haste, hurry.
kāih, *f.*, bell metal.
kaif, *f.*, sound, sign which one
intently watches for (*lainī*).
kākōrauḷā', *m.*, noise (*pāṇā*).
kal, *f.*, string attaching warp
to ceiling.
kalan, *f.*, praise (by *mirāsī*).
kalernā, *m.*, kunernā, *m.*, rope
attaching *panjaḷī* to *tīr*.
kalingā, *adj.*, blackish.
kalpā, *m.*, long hook for
pulling down branches.
kammi, *m.*, one who performs
regular menial services.
kān, *m.* = *karū* = 5 feet.
kaṇ, *m.*, grain borrowed and
payable with interest.
kaṇ, *m.*, excellence or sweet-
ness in *gur*.
kaṇ man, *f.*, slight rain (*hoṇī*).
kandūri, *f.*, small cloth for
bread.
kandlā, *m.*, rounded iron rod.
kaṅgī, *f.*, part of weaving
machine for tightening warp.
kaṅgī, *f.*, part of chest (body).
kaṇī, *f.*, half-formed butter in
milk (*ājānī*).
kaṇī muṇī, *f.*, slight rain.
kann, *m.*, roughness on neck
of cattle (due to yoke).

kānnā, m., reed in weaver's warp.
kānnī, f., reed in warp (different from *kānnā*).
kāñō, f., warping unevenness in framework of bed (*pañī*).
kāppā, m. = *kalpā*.
karāh, m., big iron vessel with handles.
karāhī, f., smaller *karāh*.
karnail, f., side piece of *kargī* (loom). [5½ feet.
karū, m., measure of length = *kauddī, f.*, breast bone.
kauddī, f., a game = *kabaḍḍī*.
kerī, f., very small pieces of charcoal.
kesarnā, be angry, displeased.
khabbār, m., *khabbī, f.*, rope of stalks of *bajra*, &c.
khābīrā, wooden instrument of shoemaker.
khachōpar, m., turtle.
khāddā, m., irregular ditch.
khāddī, f., hole in ground beside potter's oven.
khaggā, m., wasp's nest.
khail, f., row, line, *e.g.* of cabbages.
khākh, f., corner of mouth.
khakkhar, f., lump of *gur* and popcorn.
khal, f., remains after extracting oil.
khalārnā, v., cause to stand.
khalihārnā, m., wood attached to ceiling (loom).
khambar, m., main wheel of *carkhā*.
khāṇḍ, f., mine, hole for digging *kankar*.
khann, m., fragment of *dhēḍhā* (*karnā*).
khāṇḍiyyā, m., time of evening meal.
khappā, m., space.
khārā, adj., salt, bitter.
kharak, f., cross piece of wood supporting warp.

kharkānnā, adj., big-eared, attentive.
kharkanā, m., broom of twigs.
kharkillī, f., peg holding up *kharak* (loom).
kharwā, adj., rough.
khasrā, m., measles.
khatak, f., treating as important, valuable.
khice, f., rope attached to foot piece in loom. [&c.
khīngar, m., piece of *kankar*,
khittīṣ, f., *pl.* Pleiades.
khobnā, v., cause to sink or pierce.
khoclā, adj., large, loose.
khokh, m., hollow.
kholā, m., old dismantled, broken-down house.
khrippē, m., *pl.*, unevennesses in road.
khroc, m., unevenness in road.
khunnā, m., part of face above eye.
khunḍ, m., large-hooked stick, side of *welna*.
khunḍī, f., small-hooked stick.
khurnā, v., crumble.
khushkā, m., dry *ātā* added to *rōṭī*, = *palethan*.
khuttar, m., deceit (*karnā*).
kīkanā, kīkarā, adv., how.
kīrnā, be angry with.
kirtghan, adj., ungrateful, unthankful.
kirtghanī, n., ingratitude, unthankfulness.
kojhā, adj., ugly, ill-suited, defective (in member).
kōkkā, m., cowry.
kōkkā, m., mouthful of sugar-cane.
kraihd, kraiht, f., loathing.
kuārī, m., man who sells old furniture.
kubbā, m., cross piece of wood in *dhol*.
kucajj, foolishness.

kuddhaṇ, *m.*, wooden poker.
 kudhō, *m.*, hindrance (laggṇā).
 kuhātrā, *m.*, half kos.
 kuhmuk, *f.*, crowd.
 kūkkā, *f.*, whispering, plotting.
 kukkaṛ udāri, *f.* (cock-flight),
 very short distance.
 kukkrē, *m. pl.*, granulation of
 eyelids (paine).
 kuṇḍal, *f.*, coil of snake
 (marnī).
 kurh, *f.*, cow house.
 kurkur, *f.*, chattering.
 kurmānā, *v.*, wither.
 kushāla, *m.*, attention, effort.
 kutarnā, *v.*, cut up small.
 kuwel, *f.*, lateness.
 kuwelā, *adj.*, late.

L

labhat, *f.*, profit.
 lāg, *m.*, expense.
 lāgā dāgā, *m.*, connection,
 business.
 lāhmbe, *adv.*, to one side.
 lāi, *f.*, one day's harvesting.
 lālāran, *f.*, joy.
 lālli, *f.*, maina (bird).
 lamerā, *adj.*, longish.
 lamittan, *f.*, length.
 lamknā, *v.*, desire, covet.
 lā, *f.*, pulley-rope in loom.
 lajānā *v.*, walk lame.
 laṭṭh, *f.*, axle of khambar in
 carkhā.
 lātū, *m.*, handle of door.
 laun, *m.*, meat.
 laus, laūs, *f.*, weal from blow.
 li, *f.*, line, track.
 licknā, *v.*, bend, (*intr.*)
 likhat, *f.*, bill of divorce.
 lillā, *f. pl.* (luttṇiṣṭ), amuse
 oneself.
 limbh, *f.*, lock of hair.
 lit, *f.*, lock of hair.
 liṭṭ, *f.*, faqir's lock of hair.
 lohrā, *m.*, half of rope barar.
 lūmbā, *m.*, chimney.

lundā, *adj.*, tailless, with
 hairless tail.
 lūrā, ?
 lūsṇā, *v.*, burn with anger.

M

mackāna, *m.*, incite.
 madāsā, *m.*, cloth tied round
 head to keep off cold.
 madé, *m.*, one who will not
 give.
 mah, *m.*, brickwork round
 inside of well.
 māhngā, *m.*, clapping of
 hands (mārnā).
 mājhā, *adj.*, pertaining to
 buffalo.
 makhe, *v.*, I said, contrd.
 from māi ākhēā.
 mākhayō, *f.*, honey, honey-
 comb.
 makkū, *m.*, (1) cloth binding
 narī to dattā, iron point of
 nāhl; makkū thappnā, fig.
 sit upon some body. (2) steel
 point to weaver's shuttle.
 makrā, *m.*, forked wood in
 kānjan holding tir.
 makri, *f.*, locust, spider.
 mal, *m.*, word of address to a
 man or boy, voc. malā.
 mal, *f.*, earth deposit from
 river.
 malēā hocā, *adj.*, ill.
 malēā jānā, become ill.
 malhī, *f.*, dirt in well or on
 ox-walk.
 malōmaḷi, malṭō malṭi, *adv.*, by
 force.
 malnā, *v.*, escape, get away.
 māḷṭā, *m.*, Malta orange.
 maṇ, *f.*, raised brickwork
 round well.
 mandhārnā, *v.*, crush.
 mandhila, *m.*, piece of wood
 in bharwanni.
 mandhrā, *adj.*, short in sta-
 ture.

māngat, *m.*, beggar.
 maṅkā, *m.*, circular bit of bone in *tarakḷā* of *car-khā*.
 masātar, *f.*, height from ground to tips of fingers of hand held above head.
 massī, *f.*, sock. especially leather sock.
 matē, *conj.*, lest.
 maṭṭaṇ, *f.*, large earthen jar, = *maṭṭ*.
 matthā, *m.*, forehead.
 maurī, *f.*, back over scapula.
 māyā, *f.*, starch.
 mec, *m.*, table.
 mentar, *f.*, measuring.
 mindhṇā, *v.*, crush.
 moghā, *m.*, small canal, channel.
 mohrā, *m.*, long dry branch with twigs.
 mohrak, *f.*, rope on head and mouth of cattle.
 mohri, *f.*, small dry branch with twigs.
 mohrlā, *adj.*, in front.
 muhāl, *f.*, small piece of wood in cart-wheel.
 muhānjā, *m.*, morning twilight.
 muhāṭh, *f.*, side post of door.
 muhattal, period of time, appointed period.
 mūhrā, *m.*, piece of wood between two long side pieces of cart.
 mukālā, *m.*, bad name, evil report.
 mūlī kandā, *m.*, iron grater for radishes, carrots, &c.
 muṅgararā, *m.*, mixture of grain, *muggī* and *māh* or *cholle*.
 munnā, *adj.*, three quarters.
 munnā, *m.*, upright stick in cart to keep in load.
 muṛ, *adv.*, again.

N

nadī, *f.*, Nūh nadī, Noachian flood.
 nāhb, *f.*, ellipsoidal wood round *dhurā* of cart.
 nainhdar, *f.*, wood on which *latth* of well rests.
 nakhākhrā, *adj.*, pure, unmixed, good.
 namīnā, *adj.*, blind.
 nāṇan, *adj.*, naked.
 nanierā, *m.*, huqqa with coconut base.
 napṇa, *v.*, seize.
 naparṇa, *v.*, seize.
 naṭṭi, *f.*, centre of game with cowries; *naṭṭi bahāṇā*, keep waiting.
 ne, *v.*, they are.
 ne, ne, pronominal suffix: to, for or by them.
 nehṇā, *v.*, cause to stand on ground *e.g.* *maṭṭ*, *gharā*.
 nere, *interj.*, said to right ox to make him turn to left.
 nhernī, *f.*, vertigo.
 nhorā, *m.*, = *hanorā*.
 nī, nī, pronominal suffix, are to or for thee.
 nīkherṇā, *v.*, separate.
 nikkar, *m.*, piece of anything, = *pikkā*.
 nikkharṇā, *v.*, be separated.
 ninghā, *adv.*, warm.

P

pabbī, *f.*, hill.
 paḍāṇā, paḍhāṇā, *m.*, oxwalk at well.
 paihrā, *m.*, way.
 pāhrēā, *m.*, cry of distress (pāṇā).
 parōppi, *f.*, vertical cylinder in millstone of *khṛās*.
 pashū, *m.*, buffalo.
 pāssā, *m.*, pure gold (pāsse dā seonā).

pāttū, *m.*, one handful of cattle excrement.
pai, *conj.*, that.
pailā, *adj.*, further, beyond.
paintrā, *m.*, dry place for placing feet in wet ground.
pair pair! said to right ox to make him turn to left.
pasār, *m.*, piece of wood below *racch* in weaving.
pasār, *m.*, front-room.
pasār, *m.*, piece of wood under warp in loom.
paṭā, *m.*, document, lease.
paṭhā, *m.*, pupil of wrestler.
pattha, *m.*, wood into which *cūthī* of *latth* in well comes.
patthe, *m. pl.*, green chopped food for cattle.
pattnā, *v.*, spend, waste (money).
paund patt = paund satte.
paund satte, *adv.*, at first go off, at once.
paurī, *f.*, foot piece in loom.
paurī, *f.*, long side beam in cart.
pethā, *m.*, kind of vegetable-marrow.
phaṭh, *adv.*, violently (of beating or throwing down).
phalrī, *f.*, wood on which potter sits.
phalrī, *f.*, wooden tool of shoemaker.
phand, *f.*, beating, gust of rain.
phandākā, *m.*, shaking dust out of cloth (*mārnā*).
phāṅgā, *m.*, trouble, loss (*laggnā*).
pharhī, *f.*, regular mass of sleepers, bricks, *kankar*.
phatt, *f.*, lower piece of wood in *panjālī*.
phēnā, *v.*, squeeze, burst.
phiddā, *m.*, little hollow, hole, depression.

phōs, *m.*, collection of cattle ordure after one evacuation.
phūk, *f.*, air, blowing with mouth or inflator.
phull, *m.*, popcorn, black spot in *capātī*.
phuttnā, *v.*, have offspring (woman).
phutūh, *f.*, waistcoat.
piākal, *m.*, great smoker or drinker.
pichārī, *f.*, rope attached to *paurī* of loom.
picnā, *v.*, absorb water, be watered (especially land).
piṅgh, *f.*, guddī gudde dī p., rainbow.
piff, *f.*, spoked wheel, little wheel at end of *gāhd* in iron *welnā*.
pinnī, *f.*, leg between thigh and ankle.
pipnī, *f.*, eyelash, upper or lower.
pīrhī, *f.*, generation.
pittā, *m.*, pure *kaṭh* (bell metal).
pōt, crop of bird.
pukkarnā, *v.*, give.
pūr, *m.*, *rahu* while being cooked.
pūshal, *f.*, tail.

R

rach, *m.*, part of weaving machine where bobbin passes.
rah, *f.*, unploughed land surrounded by ploughed.
rahtar, *f.*, condition of living.
rail, *f.*, appearance of something visible to eyes.
ralaknā, *v.*, go or walk slowly.
rambā, *v.*, make arrangements for (e.g., marriage).
rapphar, *m.*, noise, quarrel.
rarā, *adj.*, of uncultivated, level ground.

raṭī, *f.*, uncultivated level ground.

rashm, *f.*, ray of sun or cloth.

rattā, *m.*, noise.

raunā, *m.*, buttermilk.

rehl, *f.*, Qurān stand (folding).

rer, *m.*, rerī, *f.*, = arer, arerī.

rhaṇḍā, *m.*, widower.

rōr, *m.*, kankar, or piece of kankar.

rōrā, *m.*, long continued time without rain.

S

—s, pronominal suffix, by, for or to him = sū.

sāh, *f.*, ashes.

sajhān, *f.*, power of recognition.

sajhānnā, *v.*, recognise.

sak, sakra, *m.*, little bits or shavings of wood.

salāi, *f.*, needle in shuttle.

salūkā, *m.*, waistcoat.

samaddhar, *adj.*, short in size.

samāwār, *m.*, metal teapot and heating apparatus combined.

samūlrā, *adj.*, all, the whole of, with everything.

sānak, *f.*, *i.q.* kunālī, earthen dish.

saṇḍh, *f.*, grown buffalo which has not had young.

sandhōā, *m.*, house-breaking instrument.

saṅgā, *m.*, collection of 4—10 strings on sides of bed or pīrhi.

saggarnā, *v.*, became contracted (as leather).

sānjhā, *adj.*, in common, joint.

sanjhān, *f.*, recognition.

sanjhānnā, *v.*, recognise.

sāṅkī, *f.*, earthen dish, *i.q.* kunālī.

sānnhā, *m.*, kind of lizard.

sansār, *m.*, crocodile.

sarājīt, *adj.* well, alive, (after illness).

sariā, *m.*, iron rod.

satāiā, satāiwā, *adj.*, twenty-seventh.

satiwā, *adj.*, twenty-seventh, especially of day in Ramzān.

satrānā, *adj.*, strong.

sawakhtā, *m.*, early time.

sawakhtē, *adv.*, in good time.

sawikk, *m.*, evil deed

sehd, *f.*, direction.

sejja, *f.*, moisture.

sepī, *m.*, master receiving or servant doing menial service on contract pay.

shām, *f.*, iron or brass band round wood.

sharlātā, *m.*, gust of rain or wind.

shokh, *adj.*, bright (of light or colour); quick (of hearing).

shokhā, *adj.*, cheeky, smart.

shā, *f.*, display, grandeur.

shūkā shākī, *f.*, display, grandeur.

shūmpunā, *m.*, miserliness.

sīdh, sīdhā, *prep.* with fem., up to.

sidharnā, *v.*, become good, improve.

sihān, *f.*, recognition.

sihānnā, *v.*, recognise.

sijjhā, *v.*, pay out, take revenge on.

sillnā, *v.*, get wet.

sir matthe te, (on head and forehead), by all means, welcome!

sirī, *m.*, partner.

sitthā, *m.*, wax in honey-comb.

siwāi, *f.*, sewing, price of sewing.

sōhdā, *adj.*, pinkish red.

sōkkā, *m.*, collection of 4—10 strings along sides of bed or pīrhi.

sū, pronominal suffix, to, for or by him = -s.

suāhrā, *adj.*, straight on.

[N.S.]

sucājā, *adj.*, intelligent.
 sudharnā, *v.*, become good, improve.
 sudhārnā, *v.*, make good, improve.
 sukhall, sukhallā, *adj.*, easy.
 sumbā, *m.*, rounded, pointed instrument for making holes.
 sūnā, *v.*, have offspring (animals).
 sunhippan, , beauty.
 sun mun, *adj.*, quiet.
 suraṇ, *f.* tunnel.
 suraṇ, *f.*, tibia.
 sūt, *m.*, puff (of huqqa) (lānā).
 sūtlar, *m.*, piece of wood in well to keep māhl in position.

T

tabākhrī, *f.*, metal plate, *i.g.* thālī.
 takānā, *m.*, cross piece in floor of cart.
 takānī, *f.*, = takānā.
 takbīr wagānā, *v.*, kill for food.
 takmā, *m.*, medal.
 tākrā, *m.*, meeting.
 talēāth, tarēāth, *m.*, wood at top of well beside parānā.
 tālū, oblong pieces shaved on top of head, palate.
 talwatth, , part of kuygī in loom.
 tandūlī, *f.*, one of strands in lar.
 taṅgnā, *m.*, hanging frame for clothes.
 tap, *m.*, dry thorn-branch.
 taplā, *m.*, confusion, mistake, (laggnā).
 tappā, *m.*, hole in ground made by blow from spade.
 tār, *f.*, haste, anxiety.
 tar, *f.*, ray of sun.
 tarangaṛ, *m.*, Orion's Belt.
 tarangaṛnā, *v.*, do in a rough and ready way.

tarauṇā, *m.*, little reedstand for sweetmeat seller's basket.
 tarcaulī, *f.*, rice and sugar (shakkar) and til.
 tarnā, *v.*, be paid (of money).
 tārnā, *v.* pay (money).
 tas, *f.*, adornment (kaḍdhnā).
 tasbī, *f.*, Muhammadan rosary.
 tatatat, *interj.*, to make left bullock turn to right.
 tataulī, *f.*, kind of bird, *lapwing*.
 taulli, *f.*, earthen cooking pot = taurī.
 tāzī, *adj.*, tāzī kuttā, greyhound, tāzighorā, racehorse.
 tekṇā, *v.*, bow.
 thāh, *m.*, *f.*, sharp noise = patākā.
 thakkā, *m.*, cold wind.
 thaṇ, *m.*, woman's breast.
 thapnā, *v.*, fold.
 thār, *m.*, cold.
 thār, *f.*, acquaintance, resting place.
 tharā, *m.*, raised brickwork before house or on well.
 thatth, *f.*, wave.
 thēr, *f.*, cowry with piece out of back, = citt.
 thet, *m.*, sense, intelligence.
 thulnā, *v.*, make known.
 thumṇā, *v.*, lean against.
 tibbā, *m.*, hillock.
 tikki, *f.*, ball of sun just before setting or after rising : hard lumpy bit in *capātī*.
 til, *m.*, force.
 tilakṇā, *v.*, slip.
 tillar, *m.*, rope of three strands.
 tind, *f.*, camel's stomach brought into mouth, bald head, shaved head.
 tīr, *m.*, vertical beam, axle of *dhol*.
 tissā, trissā, *m.*, three kinds of grain mixed.
 tōddā, *m.*, young of camel.
 tōhṇā, *v.*, feel (to).

tōppā, *m.*, circular piece of wood joining two parts of *khambar*.

tōttā, *m.*, piece, fragment.

trāihnā, *v.*, be startled.

trāhnā, *v.*, startle.

trappar, *m.*, sackcloth.

trappri, *f.*, small piece of sackcloth.

trauh, *m.*, alarm.

threhā, *adj.*, threefold.

treliōtreli, *adj.*, covered with perspiration.

treōr, *m.*, milk and ghi and sugar mixed.

trikkh, *f.*, swiftness.

trōppā, *m.*, stitch.

tukk, *f.*, guess.

tu, *f.*, lever, lānī = apply lever.

tuō, *interj.*, calling to dog.

U

ũ, pronominal suffix, for thee, to thee, thee.

uccā, *m.*, tongs.

ucecā, *adj.*, especially.

udāi, *f. pl.* winnowing.

udhā, *m.*, elopement.

uggharnā, *v.*, raise (stick).

ukkā, *adj.*, altogether.

ulār. ulārā, *m.*, tilting over or back.

ulārnā, *v.*, raise (stick).

ulhārā, *m.*, bending trees in wind (*khānā*).

ukhkhannā, *v.*, with mātā (*f.*) vaccinate.

ukhkhannwānā, *v.*, with mātā (*f.*) get vaccinated. [side.

ullārnā, *v.*, get tilted to one

uff, *adv.*, in this way, any how, &c.

ureb, *m.*, bending, slanting.

utānā, *adj.*, lying on back.

W

wā, *m.*, association, connection.

wā warōlā, *m.*, wā warōlī, *f.*, whirlwind with dust.

wacherā, *m.*, foal.

wādhiā, *f. pl.*, cutting harvest.

wagghī, *f.*, part between fingers and between toes.

wahnā, *adj.*, smart, clever, intelligent.

wāhnā, *adj.*, barefoot, pairā tō wāhnā.

wahnī, *f.*, small drain.

wahr tārā, *m.*, Venus, Morning Star.

wāhri, *f.*, earthen vessel like teapot.

waihtar, *m.*, ass, mule, &c.

wain, *m.*, mourning (*gen. plural*).

wajjnā, *v.*, be struck or sounded, be shut (door).

wal, *prep.*, with *mas.* towards, with *fem.*, towards one's wife.

wal (nikaḷnā), muscle get out of place, causing pain.

walā, *m.*, turn, twist.

walānglā, walānglī, *m.*, turn, twist.

walānglī, walānglī, *f.*, turn, twist.

walh, *f.*, rope attaching *pan-jālī* to *gāhā*.

walūndarnā, *v.*, spoil.

wānd, *f.*, fine weather.

wāndhā, *adj.*, free, disengaged.

wai, *f.*, one of pieces of wood composing *bar*.

warānglā, *m.*, turn, twist.

wasār, *m.*, spice, *e.g.*, haldi.

wāskat, *m.*, waistcoat.

wasnā, *v.*, rain.

wattā, *m.*, lobe of ear.

wattā, *m.*, stone pestle.

wattnā, *m.*, stick for twisting rope.

wattī, *f.*, weight of two sers.

waule, *adv.*, in the open air.

wehl, *f. and m.*, leisure.

A Guide to the Metres of Urdū Verse

FROM the point of view of Europeans there is no book that deals satisfactorily with Urdū metres, and as the metres are numerous, it is difficult for a student to recognize any except the three or four commonest. They have all been taken over unaltered from Persian, and Persian took them almost unaltered from Arabic. To Europeans the rules of Urdū prosody seem arbitrary, because metres must conform to certain rules for which there seems to be no adequate reason.

For example the commonest Urdū metre is scanned as follows : *maf'ūlu fā'ilātu mafā'īlu fā'ilun*. It might just as well be scanned *mustaf'ilun mafā'īlu mustaf'ilun fa'al* or in other ways, but we should be arbitrarily told that there are no such metres and that in fact they would be impossible.

Urdū writers have no conception of long or short syllables. They have names for fragments of two and three letters, and they have names for metrical feet, but they do not call syllables long or short. I am, however, writing for Europeans who are accustomed to prosodical length in Latin and Greek verse, and the idea is almost necessary for them if they are to make any progress.

The question I have set myself to answer here is this. When a student comes across a poem or a quotation how is he to decide what its metre is ? He will, if he knows the language, be able to say that certain syllables are short or long, but he will still be ignorant of the metre. How is he to discover it ?

To enable him to do so I have prepared two lists. The first is divided into sections according to the number of syllables in each line or hemistich, and in each section the metres are given—not in alphabetical order indeed, for that would not be possible, but—in order of short syllables. In other words a short syllable is given precedence over a long. Thus a line beginning — ∪ — — ∪ ∪ would precede one which begins — ∪ — — ∪ —, because, while the first five syllables are the same in the two lines, the sixth syllable in the first is short, and in the second long. The second list is devoted to *rubā'ī* metres. In it, too, the metres are in order of short syllables.

METHOD OF ASCERTAINING METRES

To discover the metre of a line, first count the number of syllables. This number shows the section of List I in which the metre is given. Next determine the sequence of short and long syllables, and finally look up the metre, according to that sequence, in its proper place in the section. There the name of the metre and the feet which compose it will be found. This last stage can be shortened by first looking for the metre in the short list below. It will almost certainly be there.

The two lists contain between them 176 metres, counting each variety separately. The first has 152; the second is devoted to the 24 *rubā'īs* metres. The latter are entered by themselves for the reasons mentioned at the head of the list. The 176 metres may be reduced to about eighty or ninety if small differences are ignored.

For the purpose of this article I have examined 450 poems or quotations (330 poems and 120 quotations), in addition to *rubā'īs*. If we count as single metres two groups of eight, one of five, two of four, three of three, and thirteen pairs, we find that there are only twenty-five distinct metres. This is perhaps an over-simplification, but even if every variety is reckoned separately, there are only sixty-eight.

It will be interesting to mention here all the metres of the 450 poems. Probably the six or eight which occur more frequently than the others would be common in any longish collection of different kinds of Urdū verse. The number after each metre indicates how often it occurred.

THE METRES OF THE 450 POEMS EXAMINED : *rubā'īs* excluded

(1)	14.16, 17 <i>muzāri'</i>	— — ∪ — ∪ — ∪ ∪ — — ∪ — ∪ —	80
(2)	15.11, 12 <i>raml</i>	— ∪ — — — ∪ — — — ∪ — — — ∪ —	66
(3)	16.9, 10 <i>hazaj</i>	∪ — — — four times	53
(4)	14.1a, b, 11, 12; } 15.1a, b, 9, 10 }	<i>raml</i> — ∪ — — ∪ ∪ — — ∪ ∪ — — — — etc.	49
(5)	10.1, 2, 10, 11; } 11.1, 2, 15, 16 }	<i>khafīf</i> — ∪ — — ∪ — ∪ — — — etc.	31
(6)	14.2a, b; 15.2a, b; 13.1 <i>mujtass</i>	∪ — ∪ — ∪ ∪ — — ∪ — ∪ — — — etc.	29
(7)	24.3 and 12.6 <i>mutaqārib</i>	∪ — — four or eight times	21
(8)	14.13, 14 <i>hazaj</i>	— — ∪ ∪ — — ∪ ∪ — — ∪ ∪ — —	20
(9)	11.5, 6 and 22.1 <i>mutaqārib</i>	∪ — — ∪ — — ∪ — — ∪ —	17
(10)	10.12, 13 and 9.6, 7 <i>hazaj</i>	— — ∪ ∪ — ∪ — ∪ — — etc.	15

(11)	11.7, 8 and 22.2 <i>hazaj</i>	∪ — — — ∪ — — — ∪ — —	13
(12)	14.18, 19 <i>muzāri'</i>	' — — ∪ — ∪ — — — — ∪ — ∪ — —	11
(13)	20.2 and 10.3 <i>mutaqārib</i>	∪ — ∪ — — four times	8
(14)	16.11 <i>rajaz</i>	— ∪ ∪ — — ∪ ∪ — — ∪ ∪ — — ∪ ∪ —	7
(15)	24.2; 12.1; 8.4, etc.		
	<i>mutadārik</i>	∪ ∪ — ∪ ∪ — ∪ ∪ — ∪ ∪ — etc. }	5
	and	— — — — — — — — etc. }	
(16)	14.5, 6 <i>munsariḥ</i>	— ∪ ∪ — — ∪ ∪ — — ∪ ∪ — — ∪ ∪ —	4
(17)	20.1 <i>kāmil</i>	∪ ∪ — ∪ — four times	4
(18)	11.18, 19 <i>raml</i>	— ∪ — — — ∪ — — — ∪ —	4
(19)	10.8, 9 (11.13, 14) <i>raml</i>	— ∪ — — ∪ ∪ — — — —	3
(20)	16.6, 7 <i>hazaj</i>	∪ — ∪ — four times	3
(21)	14.7 or 8, i.e.		
	<i>muqtaḏab</i>	— ∪ — ∪ — — — — ∪ — ∪ — — — }	2
	or <i>hazaj</i>	— ∪ — ∪ — — — — ∪ — ∪ — — — }	
(22)	16.19, 20 <i>rajaz</i>	— — ∪ — four times	2
(23)	16.17, 18 <i>raml</i>	— ∪ — — four times	1
(24)	10.11a <i>mutadārik</i>	— ∪ — — ∪ — — ∪ — —	1
(25)	14.15 <i>hazaj</i>	— — ∪ ∪ — — — — — ∪ ∪ — — —	1

450

The first four metres account for over half the poems, and the first seven for three-quarters. Eighty-four are not represented at all.

In Urdū some metres are almost confined to certain types of verse, and conversely certain types of verse are usually in two or three fixed metres.

Maṣnavī Metres.—The commonest are perhaps *hazaj* 10.12, 13 (and 9.6, 7) and *khafīf* 10.1, 2 and the rest of that group. Others are *mutaqārib* 11.5, 6; *hazaj* 11.7, 8; *rajaz* 16.11; *sarī'* 11.9, 10; and *raml* 11.13, 14 and 11.18, 19.

Qaṣīda Metres.—The commonest metre is 14.1a, b and the rest of that group (*raml*), and next comes the *muḥjaṣṣ* group 14.2a, b, etc. Others are rare.

Marṣiya Metres.—Much the commonest is *muzāri'* 14.16, 17; next is the *muḥjaṣṣ* group 14.2a, b, etc. Others not so common are *hazaj* 14.13, 14; the *raml* group 14.1a, b, etc.; *hazaj* 16.9, and *mutaqārib* 20.2.

THE TWO LISTS OF METRES

The number after the name of a metre in the first list shows how often that metre occurred in the 450 poems examined. From these

numbers we can get a fair idea of the relative frequency of the different Urdū metres. The word "group" after a number means that the metre is one of a group of metres which may be used interchangeably in one and the same poem. The same number is given for every member of the group.

Each section is numbered separately, and metres are referred to by the number of the section followed by the number of the metre. Thus 10.8 would mean the 8th metre in Section 10, viz. the section containing ten syllabled lines; 14.18, 19 would be the 18th and 19th metres in Section 14.

Metres which are identical except for a very slight difference in the first or last syllable are bracketed. They can be used interchangeably.

For convenience sake I have sometimes drawn attention to similarity between two metres, but it must not be assumed that they too are interchangeable unless that is expressly stated. I do not profess to have given every metre ever used in Urdū, but students will only on rare occasions come across one not mentioned in these lists.

Two consecutive short syllables are frequently combined into one long syllable. In this way new varieties are formed. Many examples of this will be found noted in both lists. Apart from the cases actually referred to it is possible to make a general rule that in the metre *mujlaṣṣ*, — ∪ ∪ —, *mufta'ilun*, may become — — —, *maf'ūlun*; in *sarī'*, the second foot ∪ ∪ — —, *fā'ilātun*, may become — — —, *maf'ūlun*; in *raml*, — ∪ — —, *fā'ilātun*, or ∪ ∪ — —, *fā'ilātun*, may become — — —, *maf'ūlun*.

A last syllable can always be regarded as long. It may be —. | or — |. These signs differ simply in this that — means either a consonant plus a long vowel, or two consonants with a short vowel between them; —. means two consonants with a long vowel between them. The sign —. has not been used before. I have adopted it merely to make this small distinction. In Urdū — has two letters; —. has three.

FIRST LIST

(Metres not used in *rubā'īs*)

Twenty-four Syllables

1. ˘ ˘ — ˘ ˘ — | ˘ ˘ — ˘ ˘ — | ˘ ˘ — ˘ ˘ — | ˘ ˘ — ˘ ˘ — |
mutafā'ilatun four times. Kāmil.

2. ˘ ˘ — | ˘ ˘ — | ˘ ˘ — | ˘ ˘ — | ˘ ˘ — | ˘ ˘ — | ˘ ˘ — | ˘ ˘ — |
fā'ilun eight times. Mutadārik. 5 group

Nos. 1 and 2 are really identical. No. 2 is 12.1 doubled.
Any or every foot in 24.2 may be — — | fa'ilun. The line
may therefore, theoretically at any rate, have from 16
to 24 syllables. See 8.4.

3. ˘ — — | ˘ — — | ˘ — — | ˘ — — | ˘ — — | ˘ — — | ˘ — — | ˘ — — |
fa'ūlun eight times. Mutaqārib. 21
(6 of this and 15 of 12.6)

Twenty-two Syllables

1. ˘ — — | ˘ — — | ˘ — — | ˘ — | ˘ — — | ˘ — — | ˘ — — | ˘ — |
fa'ūlun fa'ūlun fa'ūlan fa'al fa'ūlun fa'ūlun fa'ūlun fa'al.

This is 11.5 doubled. Mutaqārib. 17
(3 of this and 14 of 11.5, 6)

2. ˘ — — — | ˘ — — — | ˘ — — | ˘ — — — | ˘ — — — | ˘ — — |
mafā'ilun mafā'ilun fa'ūlun mafā'ilun mafā'ilun fa'ūlun.

This is 11.7 doubled. Hazaj. 13
(2 of this and 11 of 11.7, 8)

Twenty Syllables

1. ˘ ˘ — ˘ — | ˘ ˘ — ˘ — | ˘ ˘ — ˘ — | ˘ ˘ — ˘ — |
mutafā'ilun four times. Kāmil. 4

2. ˘ — | ˘ — — | ˘ — | ˘ — — | ˘ — | ˘ — — | ˘ — | ˘ — — |
fa'al fa'ūlun four times. Mutaqārib. 8
This is 10.3 doubled.

Sixteen Syllables

- { 1. ˘ ˘ — ˘ | — ˘ — — | ˘ ˘ — ˘ | — ˘ — — |
fā'ilātu fā'ilātun fā'ilātu fā'ilātun. Raml.

2. ˘ ˘ — ˘ | — ˘ — — | ˘ ˘ — ˘ | — ˘ — — . |
fā'ilātu fā'ilātun fā'ilātu fā'iliyān. Raml.

3. ˘ ˘ — — | ˘ ˘ — — | ˘ ˘ — — | ˘ ˘ — — |
fā'ilātun four times. Raml.
This is 16.15 with first syllable short.

4. $\cup - \cup - \mid \cup \cup - - \mid \cup - \cup - \mid \cup \cup - - \mid$
 mafā'ilun fā'ilātun mafā'ilun fā'ilātun. Mujtass.
5. $\cup - \cup - \mid \cup \cup - - \mid \cup - \cup - \mid \cup \cup - - \mid$
 mafā'ilun fā'ilātun mafā'ilun fā'iliyān. Mujtass.
 This is the same as 15.2a, b ; 14.2a, b and 13.1
 except for the last foot.
6. $\cup - \cup - \mid \cup - \cup - \mid \cup \cup - - \mid \cup - \cup - \mid$
 mafā'ilun mafā'ilun mafā'ilun mafā'ilun. Hazaj. 3
7. $\cup - \cup - \mid \cup - \cup - \mid \cup \cup - - \mid \cup - \cup - \mid$
 mafā'ilun mafā'ilun mafā'ilun mafā'ilān. Hazaj.
8. $\cup - \cup - \mid - \cup \cup - \mid \cup - \cup - \mid - \cup \cup - \mid$
 mafā'ilun muftā'ilun mafā'ilun muftā'ilun. Rajaz.
9. $\cup - - - \mid \cup - - - \mid \cup - - - \mid \cup - - - \mid$
 mafā'ilun four times. Hazaj. 53
10. $\cup - - - \mid \cup - - - \mid \cup - - - \mid \cup - - - \mid$
 mafā'ilun mafā'ilun mafā'ilun mafā'ilān. Hazaj.
11. $- \cup \cup - \mid \cup - \cup - \mid - \cup \cup - \mid \cup - \cup - \mid$
 muftā'ilun mafā'ilun muftā'ilun mafā'ilun. Rajaz. 7
12. $- \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid$
 muftā'ilun four times. Rajaz.
13. $- \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid$
 muftā'ilun muftā'ilun muftā'ilun muftā'ilān. Rajaz.
14. $- \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid$
 fā'ilātu muftā'ilun fā'ilātu muftā'ilun. Muqtaḏab.
15. $- \cup \cup - \mid \cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid$
 fā'ilātun fā'ilātun fā'ilātun fā'ilātun.
 This is 16.3 with first syllable long. Raml.
16. $- \cup \cup - \mid \cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid$
 fā'ilātun fā'ilātun fā'ilātun fā'iliyān. Raml.
17. $- \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid$
 fā'ilātun four times. Raml. 1
18. $- \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid - \cup \cup - \mid$
 fā'ilātun fā'ilātun fā'ilātun fā'iliyān. Raml.
19. $- - \cup - \mid - - \cup - \mid - - \cup - \mid - - \cup - \mid$
 mustaf'ilun four times. Rajaz. 2
20. $- - \cup - \mid - - \cup - \mid - - \cup - \mid - - \cup - \mid$
 mustaf'ilun mustaf'ilun mustaf'ilun mustaf'ilān. Rajaz.

Fifteen Syllables

- 1a. $\cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid$
 fā'ilātun fā'ilātun fā'ilātun fā'ilun. Raml. 49 group
- 1b. $\cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid \cup \cup - - \mid$
 fā'ilātun fā'ilātun fā'ilātun fā'ilān. Raml.

1a, b, are the same as 15.9, 10, except for the first syllable.
 See also 14.1a, b, and 14.11, 12.

- 2a. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilun fā'ilātun mafā'ilun fā'ilun. Mujtass. 29 group
- 2b. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilun fā'ilātun mafā'ilun fā'ilān. Mujtass.

Except for the last foot Nos. 2a and b are the same as 14.2a, b and 13.1. Cf. also 16.4, 5.

3. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilu mafā'ilu mafā'ilu fa'ūlun. Hazaj.
4. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilu mafā'ilu mafā'ilu mafā'il. Hazaj.
5. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilu mafā'ilu mafā'ilu maf'ūlun. Hazaj.
6. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilu fā'ilātu mafā'ilu fā'ilun. Muẓārī'.
7. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mafā'ilu fā'ilātu mafā'ilu fā'ilān. Muẓārī'.

15.6, 7 may be interchanged with 14.3, 4. They are same the as 14.16, 17 except for the first foot.

8. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 mufta'ilun fā'ilātu mufta'ilun fā'ilān.
 This is really the same as 14.6. Munsariḥ.

9. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 fā'ilātun fā'ilātun fā'ilātun fā'ilun. Raml. 49 group
10. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 fā'ilātun fā'ilātun fā'ilātun fā'ilān. Raml.

See 15.1a, b; 14.11, 12; 14.1a, b. If from 15.9, 10 we omit the 3rd foot we get 11.13, 14.

11. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 fā'ilātun fā'ilātun fā'ilātun fā'ilun. Raml. 66
12. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 fā'ilātun fā'ilātun fā'ilātūn fā'ilāt. Raml.
13. ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 maf'ūlu mafā'ilu mafā'ilu mafā'ilu. Hazaj.
14. ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ |
 maf'ūlu fā'ilātu mafā'ilu fā'ilātun. Muẓārī'.

This is the same as 14.16 with an extra syllable. If we change the short seventh and eighth syllables into one long syllable we get 14.18.

Fourteen Syllables

Nos. 1a and 1b are the same as 11 and 12 except for the first syllable. Students will find that the eight metres 14.1a, 1b; 14.11, 12; 15.1a, 1b, and 15.9, 10 may all be interchanged in the same poem.

- { 1a. ˘ ˘ — — | ˘ ˘ — — | ˘ ˘ — — | — — |
 fā'ilātun fā'ilātun fā'ilātun fa'lun. Raml. 49 group
 { 1b. ˘ ˘ — — | ˘ ˘ — — | ˘ ˘ — — | — — |
 fā'ilātun fā'ilātun fā'ilātun fa'lān.
 { 2a. ˘ — ˘ — | ˘ ˘ — — | ˘ — ˘ — | — — |
 mafā'ilun fā'ilātun mafā'ilun fa'lun. Mujtass. 29 group
 { 2b. ˘ — ˘ — | ˘ ˘ — — | ˘ — ˘ — | — — |
 mafā'ilun fā'ilātun mafā'ilun fa'lān. Mujtass.

Nos. 2a and 2b are the same as 15.2a, 2b and 13.1 except for the first foot and may be interchanged. Cf. also 16.4, 5.

- { 3. ˘ — — ˘ | — ˘ — | ˘ — — ˘ | — ˘ — |
 mafā'ilu fā'ilun mafā'ilu fā'ilun. Muḏārī'.
 { 4. ˘ — — ˘ | — ˘ — | ˘ — — ˘ | — ˘ — |
 mafā'ilu fā'ilun mafā'ilu fā'ilān. Muḏārī'.
 { 5. — ˘ ˘ — | — ˘ — | — ˘ ˘ — | — ˘ — |
 mufta'ilun fā'ilun mufta'ilun fā'ilun. Munsariḥ. 4
 { 5a. — ˘ ˘ — | — ˘ — | — ˘ ˘ — | — ˘ — |
 mufta'ilun fā'ilun mufta'ilun fā'ilāt. Munsariḥ.
 { 6, 6a. — ˘ ˘ — | — ˘ — | — ˘ ˘ — | — ˘ — | or | — ˘ — |
 mufta'ilun fā'ilāt mufta'ilun fā'ilun or fā'ilāt. Munsariḥ.
 14.6 is really the same as 15.8. 14.5, 5a, 6, 6a resemble 13.2, 3; see also 12.16, 17.

- { 7. — ˘ ˘ — | — — — | — ˘ — ˘ | — — — |
 fā'ilātu maf'ūlun fā'ilātu maf'ūlun. Muqtazab. }
 { 8. — ˘ — | ˘ — — — | — ˘ — | ˘ — — — |
 fā'ilun mafā'ilun fā'ilun mafā'ilun. Hazaj. } 2

Note that 7 and 8 are the same metre under different names. Nos. 9 and 10 are mere varieties of 8.

- { 9. — ˘ — | ˘ — — — | — ˘ — | ˘ — — — |
 fā'ilun mafā'ilān fā'ilun mafā'ilun. Hazaj.
 { 10. — ˘ — | ˘ — — — | — ˘ — | ˘ — — — |
 fā'ilun mafā'ilun fā'ilun mafā'ilān. Hazaj.

See No. 8.

- { 11. — ˘ — — | ˘ ˘ — — | ˘ ˘ — — | — — |
 fā'ilātun fā'ilātun fā'ilātun fa'lun. Raml. 49 group
 { 12. — ˘ — — | ˘ ˘ — — | ˘ ˘ — — | — — |
 fā'ilātun fā'ilātun fā'ilātun fa'lān. Raml.

15.9, 10 are varieties of this.

- { 13. — — ˘ | ˘ — — ˘ | ˘ — — ˘ | ˘ — — |
 maf'ūlu mafā'ilu mafā'ilu fa'ūlun. Hazaj. 20
 { 14. — — ˘ | ˘ — — ˘ | ˘ — — ˘ | ˘ — — |
 maf'ūlu mafā'ilu mafā'ilu mafā'il. Hazaj.

13.4, 5, 8, 9 are varieties of 14.13, 14; formed by running

together into one long syllable either the third and fourth syllables, which gives us 13.8, 9, or the seventh and eighth, which results in 13.4, 5.

15. — — — | — — — | — — — | — — — |
maf'ūlu mafā'ilun maf'ūlu mafā'ilun.

Hazaj. 1

16. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātu mafā'ilu fā'ilun.

Muzāri'. 80

17. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātu mafā'ilu fā'ilāt.

See 13.6, 7. Cf. 15.14.

Muzāri'.

18. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātun maf'ūlu fā'ilātun.

Muzāri'. 11

19. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātun maf'ūlu fā'ilīyān.

See 15.14.

Muzāri'.

Thirteen Syllables

1. — — — | — — — | — — — | — — — |
mafā'ilun fā'ilātun mafā'ilun fā'.

Cf. 14.2a, b ; 15.2a, b ; 16.4, 5.

Mujtaṣṣ. 29 group

2. — — — | — — — | — — — | — — — |
mufta'ilun fā'ilātu mufta'ilun fā'.

Munsariḥ.

3. — — — | — — — | — — — | — — — |
mufta'ilun fā'ilātu mufta'ilun fā'.

See 14.5, 6 and 15.8.

Munsariḥ.

Nos. 4, 5, 8, 9 are varieties of 14.13, 14 ; all are used in Maṣnavīs.

4. — — — | — — — | — — — | — — — |
maf'ūlu mafā'ilun maf'ūlu fa'ūlun.

Hazaj.

5. — — — | — — — | — — — | — — — |
maf'ūlu mafā'ilun maf'ūlu mafā'il.

Hazaj.

6. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātun maf'ūlu fā'ilun.

Muzāri'.

7. — — — | — — — | — — — | — — — |
maf'ūlu fā'ilātun maf'ūlu fā'ilān.

Muzāri'.

This is formed from 14.16, 17 by joining the short 7th and 8th syllables into one long syllable.

8. — — — | — — — | — — — | — — — |
maf'ūlun maf'ūlu mafā'ilu fa'ūlun.

Hazaj.

9. — — — | — — — | — — — | — — — |
maf'ūlun maf'ūlu mafā'ilu mafā'il.

Hazaj.

Twelve Syllables

1. ˘ ˘ ˘ — | ˘ ˘ ˘ — | ˘ ˘ ˘ — | ˘ ˘ ˘ — |
fā'ilun fā'ilun fā'ilun fā'ilun. Mutadārik.

This metre is found double. See 24.2. Any or all of these feet may be | — — | *fa'lun*; see 8, 4.

2. ˘ ˘ — — | ˘ ˘ — — | ˘ — ˘ — |
fā'ilātun fā'ilātun mafā'ilun. Jadīd.

3. ˘ ˘ — — | — — | ˘ ˘ — — | — — |
fā'ilātun fa'lun fā'ilātun fa'lun. Raml.

4. ˘ — ˘ — | ˘ — ˘ — | ˘ — ˘ — |
mafā'ilun mafā'ilun mafā'ilun. Rajaz.

5. ˘ — — ˘ | ˘ — — ˘ | — — — |
mafā'ilu mafā'ilu fā'ilātun. Qarīb.

6. ˘ — — | ˘ — — | ˘ — — | ˘ — — |
fa'ūlun fa'ūlun fa'ūlun fa'ūlun. Mutaqārib. 21

See 24.3 for double form.

(15 of this and 6 of 24.3)

7. Omitted.

8. ˘ — — — | ˘ — — — | ˘ — — — |
mafā'ilun mafā'ilun mafā'ilun. Hazaj.

9. — ˘ ˘ — | — ˘ ˘ — | — ˘ ˘ — |
mufta'ilun mufta'ilun mufta'ilun. Rajaz.

10. — ˘ ˘ — | — ˘ ˘ — | — ˘ ˘ — |
mufta'ilun fā'ilātu mufta'ilun. Munsariḥ.

By running the 10th and 11th syllables into one long syllable we get 11.11 which is interchangeable with it.

11. — ˘ — — | ˘ — ˘ — | ˘ ˘ — — |
fā'ilātun mafā'ilun fā'ilātun.

See 11.15, 16, 17, and 10.10, 11.

Khafif.

12. — ˘ — | — ˘ — | — ˘ — | — ˘ — |
fā'ilun fā'ilun fā'ilun fā'ilun. Mutadārik.

13. — ˘ — — | — ˘ — — | — ˘ — — |
fā'ilātun fā'ilātun fā'ilātun. Raml.

14. — — ˘ — | — ˘ — — | — ˘ — — |
mustaf'ilun fā'ilātun fā'ilātun. Mujtass.

15. — — ˘ — | — — ˘ — | — — ˘ — |
mustaf'ilun mustaf'ilun mustaf'ilun. Rajaz.

- { 16. — — — | — ˘ — | — — — | — ˘ — |
maf'ūlun fā'ilun maf'ūlun fā'ilun. Munsariḥ.
17. — — — | — ˘ — . | — — — | — ˘ — . |
maf'ūlun fā'ilāt maf'ūlun fā'ilāt. Munsariḥ.

12.16, 17 are obtained from 14.5,6 by substituting a long syllable for the short syllables which come second and third, and one for the ninth and tenth syllables.

12.17 might be called a thirteen-syllabled line, for the -lāt at the end of the second foot would generally be read -lātu.

Eleven Syllables

1. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
fā'ilātun mafā'ilun fā'ilun. Khafif.
2. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
fā'ilātun mafā'ilun fā'ilāt. Khafif. 31 group

Nos. 1, 2 are the same as 11.15, 16 except for the first syllable, and the same as 10.1, 2 except for the last syllable.

3. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
mafa'ilu mafā'ilu fa'ulun. Hazaj.
4. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
mafā'ilu mafā'ilu mafā'il. Hazaj.

5. ˘ ˘ ˘ | ˘ ˘ ˘ | ˘ ˘ ˘ | ˘ ˘ |
fa'ulun fa'ulun fa'ulun fa'al. Mutaqārib. 17
See 22.1 for double form. (14 of this and 3 of 22.1)
6. ˘ ˘ ˘ | ˘ ˘ ˘ | ˘ ˘ ˘ | ˘ ˘ . |
fa'ulun fa'ulun fa'ulun fa'ul. Mutaqārib.

7. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
mafā'ilun mafā'ilun fa'ulun. Hazaj. 13
See 22.2. for double form. (11 of this and 2 of 22.2)

8. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
mafā'ilun mafā'ilun mafā'il. Hazaj.

9. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
mufta'ilun mufta'ilun fā'ilun. Sari'.
10. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
mufta'ilun mufta'ilun fā'ilān. Sari'.

By running together the short syllables in the second foot we get 10.6a, b; if we do so in both the first and the second foot we get 9.8, 9. They are interchangeable.

11. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
mufta'ilun fā'ilātu maf'ulun. Munsariḥ.

See 12.10.

12. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
fā'ilātu mafā'ilu mafā'il. Mushākil.

13. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ |
fā'ilātun fā'ilātun fā'ilun. Raml.

14. ˘ ˘ ˘ ˘ | ˘ ˘ ˘ ˘ | ˘ ˘ ˘ . |
fā'ilātun fā'ilātun fā'ilāt. Raml.

See 10.8, 9. If we double the middle foot of 11.13, 14, we get 15.9, 10.

- 14a. — — — — | — — — — | — — — — |
fā'ilātun fā'ilātun fā'ilun. Raml.
- 14b. — — — — | — — — — | — — — — |
fā'ilātun fā'ilātun fā'ilāt. Raml.

15. — — — — | — — — — | — — — — |
fā'ilātun mafā'ilun fā'ilun. Khafif. 31 group
16. — — — — | — — — — | — — — — |
fā'ilātun mafā'ilun fā'ilāt. Khafif.

11.15, 16 are the same as 12.11 and 10.10, 11, except for the last foot, and as 11.1, 2 except for the first syllable.

See also 11.17.

17. — — — — | — — — — | — — — — |
fā'ilātun mafā'ilun maf'ulun. Khafif.

This is derived from 12.11 by changing into one long syllable the two short ones found in the last foot. See also 11.15, 16.

18. — — — — | — — — — | — — — — |
fā'ilātun fā'ilātun fā'ilun. Raml. 4
19. — — — — | — — — — | — — — — |
fā'ilātun fā'ilātun fā'ilāt. Raml.
20. — — — — | — — — — | — — — — |
maf'ulu mafā'ilun mafā'ilun. Hazaj.
21. — — — — | — — — — | — — — — |
maf'ulu mafā'ilun mafā'ilān. Hazaj.
22. — — — — | — — — — | — — — — |
maf'ulu mafā'ilu fā'ilātun. Qarib.
23. — — — — | — — — — | — — — — |
maf'ulu mafā'ilu mafā'ilun. Hazaj.
24. — — — — | — — — — | — — — — |
maf'ulu fā'ilātu mafā'ilun. Muḏāri'.
25. — — — — | — — — — | — — — — |
mustaf'ilun mustaf'ilun maf'ulun. Rajaz.

Ten Syllables

1. — — — — | — — — — | — — — — |
fā'ilātun mafā'ilun fa'lun. Khafif. 31 group
2. — — — — | — — — — | — — — — |
fā'ilātun mafā'ilun fa'lān. Khafif.

Except for the first syllable 10.1, 2 are the same as 10.10, 11 below, and except for the last foot the same as 11.1, 2.

3. — — — — | — — — — | — — — — |
fa'al fa'ulun fa'al fa'ulun.

This metre is found double ; see 20.2.

Mutaqārib. 8

4. ˘ — ˘ | — — | ˘ — ˘ | — — |
fa'ūlu fa'lun fa'ūlu fa'lun. Mutaqārib.
5. ˘ — ˘ | — — | ˘ — ˘ | — — |
fa'ūlu fa'lun fa'ūlu fa'lān. Mutaqārib.

- 6a. — ˘ ˘ — | — — — | — ˘ — |
mufta'ilun maf'ūlun fā'ilun. Sarī'.
- 6b. — ˘ ˘ — | — — — | — ˘ — |
mufta'ilun maf'ūlun fā'ilāt. Sarī'.

6a, b, are derived from 11.9, 10, q.v.

7. — ˘ — | ˘ — | — ˘ — | ˘ — |
fā'ilun fa'al fā'ilun fa'al. Mutadārik.

8. — ˘ — — | ˘ ˘ — — | — — |
fā'ilātun fā'ilātun fa'lun. Raml. 2
9. — ˘ — — | ˘ ˘ — — | — — |
fā'ilātun fā'ilātun fa'lān. Raml.

See 11.13, 14, which are the same except in the last foot.

10. — ˘ — — | ˘ — ˘ — | — — |
fā'ilātun mafā'ilun fa'lun. Khafif. 31 group
11. — ˘ — — | ˘ — ˘ — | — — |
fā'ilātun mafā'ilun fa'lān. Khafif.

See 10.1, 2; 12.11; 11.15, 16, 17.

- 11a. — ˘ — | — ˘ — | — ˘ — | — |
fā'ilun fā'ilun fā'ilun fa'. Mutadārik. 1

12. — — ˘ | ˘ — ˘ — | ˘ — — |
maf'ūlu mafā'ilun fa'ūlun. Hazaj. 13 group
13. — — ˘ | ˘ — ˘ — | ˘ — — |
maf'ūlu mafā'ilun fa'ūlān (mafā'il). Hazaj.

By combining the third and fourth syllables into one long syllable we get 9.6, 7. All four are interchangeable.

14. — — ˘ | ˘ — — ˘ | — ˘ — |
maf'ūlu mafā'ilu fā'ilun. Muẓārī'.

15. — — ˘ | — ˘ — ˘ | ˘ — — |
maf'ūlu fā'ilātu fa'ūlun. Muẓārī'.

16. — — | ˘ — — | — — | ˘ — — |
fa'lun fa'ūlun fa'lun fa'ūlun. Mutaqārib.
17. — — | ˘ — — | — — | ˘ — — |
fa'lun fa'ūlun fa'lun fa'ūlān. Mutaqārib.

18. — — — | — ˘ — | ˘ — — — |
maf'ūlun fā'ilun mafā'ilun. Hazaj.

19. — — — | — ˘ — | ˘ — — — |
maf'ūlun fā'ilun mafā'ilān. Hazaj.

Nine Syllables

1. ˘ ˘ ˘ | ˘ ˘ ˘ | ˘ ˘ ˘ |
fā'ilun fā'ilun fā'ilun. Mutadārik.
 2. ˘ — — | ˘ — — | ˘ — — |
fa'ūlun fa'ūlun fa'ūlun. Mutaqārib.
 3. — — ˘ — | — — ˘ ˘ | — |
mustaf'ilun mustaf'ilu fā'. Sarī'.
 4. — ˘ — | — ˘ — | — ˘ — |
fā'ilun fā'ilun fā'ilun. Mutadārik.
 5. — — | ˘ ˘ — | ˘ — | — — ˘ |
fa'lun fā'ilun fa'al fa'lān. Mutadārik.
 6. — — — | — ˘ — | ˘ — — |
maf'ūlun fā'ilun fa'ūlun. Hazaj. 13 group
 7. — — — | — ˘ — | ˘ — — ˘ |
maf'ūlun fā'ilun mafā'il. Hazaj.
- See 10.12, 13.

- | | |
|---|---|
| { | 8. — — — — — — — ˘ —
maf'ūlun maf'ūlun fā'ilun. Sarī'. |
| { | 9. — — — — — — — ˘ — ˘
maf'ūlun maf'ūlun fā'ilān. Sarī'. |

9.8, 9 are derived from 11.9, 10 by running short syllables together into one long syllable. They are interchangeable.

Eight Syllables

1. — ˘ ˘ — | — — — | — ˘ |
mufta'ilun maf'ūlun fā'. Sarī'.
- 2 and 3. — — | — — | ˘ — | — — | or | — — ˘ |
fa'lun fa'lun fa'al fa'lun or fa'lān. Mutadārik.
4. — — | — — | — — | — — |
fa'lun fa'lun fa'lun fa'lun. Mutadārik. 4

Any or all of these feet may be | ˘ ˘ — | *fā'ilun*.

See 12.1 and 24.2.

Six Syllables

1. ˘ — | ˘ — | ˘ — |
fa'al fa'al fa'al. Mutadārik.

SECOND LIST : *rubā'ī* metres

These metres have been given in a separate list because, firstly, they are not used for any kind of poetry other than *rubā'īs*, and, secondly, in any book of Urdū verse *rubā'īs* are marked as such, and a student will always know when he is reading that form of verse.

There are twenty-four *rubā'ī* metres. They are both easy and difficult to distinguish from one another; easy, because a *rubā'ī* line is always written in one of these twenty-four, and difficult, because any line of any *rubā'ī* may be in any one of them; so that a *rubā'ī* poem consisting of six stanzas may have twenty-four metres.

It has been stated on p. 4 that new varieties of metre are often produced from an old metre by running two short syllables into a single long one. This specially applies to *rubā'īs*. Indeed all the twenty-four metres are variations of two, which themselves are identical except for the fact that the second half of the second foot is a trochee in one and an iambus in the other.

The metres are here divided into two sections of twelve each and given in the order of short syllables, a short syllable getting preference over a long one. The first section begins with *maf'ūlu* and the second with *maf'ūlun*, this difference between them arising from making one long syllable of two short ones.

They are all derived from the *hazaj* metre which in its primitive form consists of four feet *mafā'ilun*—

○ — — — | ○ — — — | ○ — — — | ○ — — — |

From 1.5 below come fifteen others, making sixteen; from 1.1 come seven others making eight; twenty-four in all.

1.5 is — — ○ | ○ — — ○ | ○ — — ○ | ○ — — |

maf'ūlu mafā'ilu mafā'ilu fa'al.

By changing the last syllable to — · we get 1.6.

— — ○ | ○ — — ○ | ○ — — ○ | ○ — · |

By joining the 11th and 12th syllables we get 1.7 and 8.

○ — — ○ | ○ — — ○ | ○ — — — | — or — · |

By joining the 7th and 8th syllables we get 1.9 and 10.

○ — — ○ | ○ — — — | — — ○ | ○ — or — · |

By joining the 3rd and 4th syllables we get 2.5 and 6.

— — — | — — ○ | ○ — — ○ | ○ — or — · |

By joining the 11th and 12th, and 7th and 8th we get 1.11 and 12.

— — ○ | ○ — — — | — — — | — or — · |

By joining the 11th and 12th, and 3rd and 4th we get 2.7 and 8.

— — — | — — ○ | ○ — — — | — or — · |

By joining the 7th and 8th, and 3rd and 4th we get 2.9 and 10.

— — — | — — — | — — ○ | ○ — or — · |

By joining the 11th and 12th, 7th and 8th, and 3rd and 4th we get 2.11 and 12.

— — — | — — — | — — — | — or — · |

In the same way from 1.1 we can obtain 1.2, and from these 1.3 and 4, and 2.1, 2, 3, 4.

It should be observed that all the metres in Section 2 are derived from those in Section 1 by combining the 3rd and 4th syllables into one long syllable.

Rubā'ī Metres : all *hazaj*

Section 1 beginning with *maf'ūlu*.

1. — — ∪ | ∪ — ∪ — | ∪ — — ∪ | ∪ — |
maf'ūlu mafā'ilun mafā'ilu fa'al.
2. — — ∪ | ∪ — ∪ — | ∪ — — ∪ | ∪ — ∪ |
maf'ūlu mafā'ilun mafā'ilu fa'ūl.
3. — — ∪ | ∪ — ∪ — | ∪ — — — | — |
maf'ūlu mafā'ilun mafā'ilun fa'.
4. — — ∪ | ∪ — ∪ — | ∪ — — — | ∪ — ∪ |
maf'ūlu mafā'ilun mafā'ilun fa'ūl.
5. — — ∪ | ∪ — — ∪ | ∪ — — ∪ | ∪ — |
maf'ūlu mafā'ilu mafā'ilu fa'al.
6. — — ∪ | ∪ — — ∪ | ∪ — — ∪ | ∪ — ∪ |
maf'ūlu mafā'ilu mafā'ilu fa'ūl.
7. — — ∪ | ∪ — — ∪ | ∪ — — — | — |
maf'ūlu mafā'ilu mafā'ilun fa'.
8. — — ∪ | ∪ — — ∪ | ∪ — — — | — ∪ |
maf'ūlu mafā'ilu mafā'ilun fā'.
9. — — ∪ | ∪ — — — | — — ∪ | ∪ — |
maf'ūlu mafā'ilun maf'ūlu fa'al.
10. — — ∪ | ∪ — — — | — — ∪ | ∪ — ∪ |
maf'ūlu mafā'ilun maf'ūlu fa'ūl.
11. — — ∪ | ∪ — — — | — — — | — |
maf'ūlu mafā'ilun maf'ūlun fa'.
12. — — ∪ | ∪ — — — | — — — | — ∪ |
maf'ūlu mafā'ilun maf'ūlun fā'.

Section 2 beginning with *maf'ūlun*.

These are derived, metre for metre, from Section 1 by combining the 3rd and 4th syllables into a single long syllable.

1. — — — | — ∪ — | ∪ — — ∪ | ∪ — |
maf'ūlun fā'ilun mafā'ilu fa'al.
2. — — — | — ∪ — | ∪ — — ∪ | ∪ — ∪ |
maf'ūlun fā'ilun mafā'ilu fa'ūl.

3. — — — | — ∪ — | ∪ — — — | —
maf'ūlun fā'ilun mafā'ilun fa'.
4. — — — | — ∪ — | ∪ — — — | — · |
maf'ūlun fā'ilun mafā'ilun fā'.
5. — — — | — — ∪ | ∪ — — ∪ | ∪ — |
maf'ūlun maf'ūlu mafā'īlu fa'al.
6. — — — | — — ∪ | ∪ — — ∪ | ∪ — · |
maf'ūlun maf'ūlu mafā'īlu fa'ūl.
7. — — — | — — ∪ | ∪ — — — | — |
maf'ūlun maf'ūlu mafā'ilun fa'.
8. — — — | — — ∪ | ∪ — — — | — · |
maf'ūlun maf'ūlu mafā'ilun fā'.
9. — — — | — — — | — — ∪ | ∪ — |
maf'ūlun maf'ūlun maf'ūlu fa'al.
10. — — — | — — — | — — ∪ | ∪ — · |
maf'ūlun maf'ūlun maf'ūlu fa'ūl.
11. — — — | — — — | — — — | — |
maf'ūlun maf'ūlun maf'ūlun fa'.
12. — — — | — — — | — — — | — |
maf'ūlun maf'ūlun maf'ūlun fā'.

JUDGE COLEBROOKE'S SUPPOSED TRANSLATION OF
THE GOSPELS INTO HINDI(See *JRAS.*, July, 1936, pp. 491 to 499.)

While examining Hindi Gospels in connection with the article bearing the above title, I found the following entry in the card-index of the library of the Baptist Missionary Society :—

B. 9, 1. Indian Vernaculars—Bible. High Hindi.

The Gospels (tr. by Henry Thomas Colebrooke, 1765–1837 ?). (1806). No title page.

5360 Darlow-Moule.

If this were to be confirmed, it would mean that Judge Colebrooke did after all translate the Gospels into Hindi, though I was and am convinced that he did not.

The Librarian was good enough to let me look at the volume, and I saw at once that these four Gospels were part of the first ed. of Carey's Hindi New Test., 1811. There was an added interest in the fact that the Baptist Mission in London were not known to possess a copy of the first ed. or any part of it. The earliest they were known to have was the second ed. of 1912.

I therefore asked them if they would allow me to take it to the library of the Bible Society, which contains two copies of the first ed., and they very kindly sent someone with me to bring it back.

There on comparing it with a known first ed. I found that the two were exactly alike except at the very end (John xxi), where there were one or two trifling differences of arrangement. In the Baptist Mission copy the page had evidently been reset, probably as a result of the fire in the Serampore College, March, 1812.

It was thus proved that the Baptist Mission did possess part, nearly half, of a Carey first ed., and there was still no evidence that Colebrooke's supposed translation had ever been made.

REVIEW OF PROFESSOR TURNER'S NEPĀLĪ DICTIONARY

DICTIONARY OF THE NEPĀLĪ LANGUAGE. Compiled by RALPH LILLEY TURNER. $12\frac{1}{4} \times 9\frac{1}{2}$, pp. xxiv + 935. London, 1931. £4 4s.

(Abbreviations : Ps., Pers. = Persian ; Ar. = Arabic ; N. = Nepālī ; H. = Hindī ; P., Pj. = Panjābī ; K., Kś. = Kaśmīrī ; lw. = loanword. Isolated numbers indicate pages.)

“ Little streams of pure water sparkled among the grass, and trees laden with fruit grew here and there with spreading boughs.”

I cannot think of better words than these to describe the remarkable work brought out this year by the Professor of Sanskrit in the University of London. No similar work, comparable in size, has been published before, though we had a forerunner on a smaller scale in the vocabulary (146 8vo pp.) of Jules Bloch's splendid monograph *La Langue Marathe*.

I do not profess to have studied every entry in the book, or read every page, but I have travelled extensively over the country to which it introduces us, wandered at will along the banks of its rivulets, and plucked luscious fruit off the overhanging branches, and this gives me a title to express the gratitude and admiration which I feel.

One does not know whether to admire most the author's industry or his learning or his intuition. It is hard to believe that one man has single-handed ransacked the dictionaries and vocabularies of forty or fifty languages in order to discover parallels to 26,000 entries, and has, in addition, sent innumerable letters and countless slips to scholars in the hope of obtaining information to make his dictionary complete. Yet this is what Professor Turner has done.

His original aim was to make a practical dictionary (a book, shall we say, of 100 pp., giving words and meanings), but he tells us with happy *meiosis* that the work has “ somewhat outgrown ” the first intention. It now weighs 9 lb. 3 oz., exactly the weight of the service rifle and bayonet carried by the Gurkha soldiers to whom he dedicates the result of his labour.

There is a valuable introduction of 7 pp., in which we see the principles which guided him in his etymologies, above all the principle which he, more than any other Indianist, has impressed upon us, that in tracing linguistic relationship we must take note of common innovations, not of common conservations. This truth, to the

illustration of which he has devoted so much of his time, will render necessary the rewriting of many pages on Indian languages and the re-formulation of many theories about them.

Next to the etymologies, the most useful single feature of the dictionary is the series of indexes (correctly so called; the incorrect form, indices, is not used). These indexes, which we owe to the labour of Mrs. Turner, give us, language by language, connected words from other tongues. Beginning with Indo-European and Indo-Aryan reconstructions, Mrs. Turner goes on to Sanskrit and its descendants, such as the ancient Pali and Prakrit, and the modern Romani, Ṣiṇā. Kaśmīrī, Hindī, Panjābī, Lahndī, Sīnghalese, etc. These occupy 271 pp. Other language-groups, such as Kāfirī, Muṇḍā, Dravidian, and European, take up five pp.

In these Professor Turner appears to have rejected mere loanwords. This limitation is useful for Sanskrit, because there is no clear boundary to possible words, but one would have been glad to see a list of loanwords from European languages, especially English and Portuguese. Such a list would serve a very useful purpose and it would be well worth while to make one even now and print it separately.

I would draw special attention to the astonishing collection on pp. 657-60 of over 400 words whose origin is in most cases unknown. Among them are a number of the commonest words in north India.

It is difficult to exaggerate the value of these indexes. Anyone possessing a knowledge of any of the better-known Indo-European languages, and desirous of ascertaining the comparative development of a word, can now look it up in the list containing the words of the language he knows. He is there referred to the Nep. word under which the forms in other languages are given. Without the index he would not know where to look.

Romani is referred to in three dialects. No such full use of Romani in connection with other Indian languages can be found anywhere except in Miklosich's *Mundarten*, which is over fifty years old. Professor Turner's monograph establishing Romani as a Central Indian language is in the mind of all scholars.

A work like this which aims at completeness and correctness must fall short in at least some details. This is inevitable in all human effort. There must be occasional words forgotten, meanings inaccurately given, analogies missed, etymologies mistaken or untraced, and errors of printing unnoticed. The marvel to my mind is that there are so few.

Feeling sure that Professor Turner is already at work on a supplement, with a list of errata, I venture to mention a few points which he may be good enough to consider.

Meanings.

The compiler usefully gives the fem. of occupational and caste terms; but what is the meaning of these fems.? Sometimes, as for *damini*, *gurunini*, the meaning given is "woman of *damāi*, *gurun*, caste". This seems to me correct ("female" would be better still, so as to include little girls); but for other words, such as *khardārni*, *ojhi*, *dhobini*, *paṇḍitini*, *ghartini*, *kamini*, the words are said to mean "wife" of *khardār*, etc., and again for others, as *panerni*, *mālini*, "female water-carrier", etc. I think it would be better in all of them to give the meaning "female" of the caste. If, e.g., a *khardārni* were to be educated, and enter the House of Commons, she would remain a *khardārni*, whoever her husband might be.

One or two further points: "*thor bahut*, something, no matter how little"; does it not mean "a smallish amount of"?

kāpi, copy: add "notebook, copybook".

kānūn, military law: add "ordinary law, cf. *kānagoi*".

kārnu: six meanings given, but have not the essential meanings "take out, eject" been overlooked?

203 *chori mari thulā ghar pari*: the meaning given strikes me as a mild libel on the cheery Gorkhālī. It is not difficult to get another.

Etymologies.

Dr. Turner is at his best in etymologies; examples of his research and remarkable power of seizing on the relevant facts may be seen on almost every page. I mention in particular *gachnu*, *jokhnu*, *khelnu*, *nibhāunu*, *celo*, *līr*, *hotro*, *choro*, *saṛnu*, *calnu*, *bhutte*, *dhasnu*, *sīri*, *kero*.

In a spirit of deep appreciation I make a few suggestions aiming at further perfection.

European words. These at present are given in different ways: (a) lw. H.; (b) lw. Eng.; (c) lw. H. fr. Eng. or Port.; (d) lw. H. fr. Pers. I think that the Eur. origin should always be referred to. Some said to be Eng. seem to me Port. The following changes suggest themselves.

"*mec*, lw. H. fr. Pers.": omit "fr. Pers.", add "cf. Pj. *mec*, Sh. *mec*; fr. Port. *mesa*."

"*tamākhu* lw. H. fr. Pers.": omit "fr. Pers.", add "fr. Port. *tabaco*".

These two words are more likely to have gone to Persia from India, than come to India from Persia. In any case they are Port.

"*tauliyā*, lw. H." : add " fr. Port."

pistaul, *botal*, said to be Eng., are probably Port. *pistola*, *botelha* ; so perhaps *kārtus*, said to be Fr. (Port. *kartucho*).

Further, there are many entered simply as " lw. Eng." The question arises whether they should not be " lw. H. fr. Eng." In only a few cases does it appear likely that they came directly into N. from Eng.

For words at present left underived a few etyms. occur to me.

khawās, liberated slave ; lw. H. *khavāṣṣ*, servant ; fr. Pers.

khaijarī, tambourine, lw. H. *khanjirī*, fr. Pers. id.

thāhā, information ; P. *thauh*, recollection (the Nep. also has this meaning).

juñ juñ, delay ; H. *jũ jũ*, *jũ tũ*.

jista, *dista*, quire of paper ; H. *dasta*, m. id. fr. Pers.

Corrections.

jimmā-, *-dār*, *-wār*, *-wāri*, are not fr. *zamān*, *zimn*, but lw. H. *zimma*, *-dār*, *-vār*, *-vāri*, fr. Pers. (*zimma* ult. fr. Ar.).

422 *barāmda*, verandah, is twice said to be Pers. It is not a Ps. word at all, but Urdu.

bāphre, *bāphrebāph*, not fr. *baburo*, but lw. H. *bāpre*, *bāprebāp*, id.

picche, per : omit H. and P. words given, and insert H. *pīche*, P. *picche*, id., as *bīghe pīche*, *vighe picche*, per acre (or half acre).

khatara, fraud ; not H. *khatra*, but H. *khacrā*, wicked ; P. *khacrā*, deceitful.

bāre mā, concerning ; not as stated, but lw. H. *bāre mē*, id.

bālwar : *bāl*, not conn. w. *bāl*, hair, which in Pj. would yield *vālbar*, whereas Pj. is *bālbar*. The *l* is mere change of *r* ; cf. N. *leṭar*, writer ; Pj. *bālīṣṭar*, barrister ; *pippalminṭ*, peppermint ; *fail*, fire ; *lūl*, rule ; *pālṭī*, party.

halkāro, messenger, is said to be a form of *ahalkār*. There is no connection between the two words, beyond similarity of meaning. *ahalkār* is correctly derived, p. 29, lw. H. *ahlkār* (Ps. *ahl*. and *kār*) *halkāro* is lw. H. *halkārā*, *harkārā* fr. Ps. *harkāra*, man who does all or any work (*har-kār*).

kuli, not fr. Ar. but from Turkish.

Minor Corrections.

113 H. *khatt*, not whiskers, beard, but incipient hair on face.

300 P. *thok*, not " heap ", but " thing ".

311 " P. *deh*, f. sun ", read " *dēh*, m."

491 P. *maṇ*, mf.; omit f.

494 P. *marcā*, read *marc*; *marcā* is pl. of *marc*.

513 P. *muṇḍ*, m. not f.; for L. *mūṇḍh*, f., head of canal, read *mūḍh*, m.

520 P. *muṇā*, not "twist", trans., but "turn", intr.

554 H.P. *lām*, not "line, brigade", but "war, expedition".

582 P. *sarṇā*, not "rot", but "be burnt".

309 *dābi*, H. *da'wī*. *da'wī*, a form given by Platts, has no existence. It should be *da'vā*.

Suggested additions to etymologies.

"*khasnu*, fall; Shina gur *khaṣonū*": add "z only in infin.; Imv. sing. has s (*khas*), otherwise z, (except past -t-)."

tako, money; add P. *ṭagā*, half anna.

jiraha, *jirāha*, H. *jarḥ*, fr. Ar. *jarḥ* is translated once "objection", and once "denial". The word is *jirah* in H., and means "cross-examination" or "surgical incision." In P. it is *jarhā*. The conn. of N. *jirāha* seems doubtful.

jyāsti, *jesti*, excessive; add lw. H. *jāstī* (fr. *ziyādatī*, Ps.).

thurṇu, stumble; add P. *ṭhuddā* (not *th-*), stumbling-block.

dāgnu, aim at; add H.P. *dagnā*, be fired (of *top*, cannon).

nāghnu, jump over; add P. *nanḡhṇā*, pass by.

baṛiyā, very good; add P. *vadhūā*, with the note that *baṛhiyā*, *vadhūā*, and doubtless N. *baṛiyā*, have no fem. form.

phālṭū, superfluous; add L. *phālṭū*, coolie who waits for odd jobs.

phitte, separate; add H. *phaṭke*, separate; H.P. *phitte mūh*! your face be cursed! P. *phitt*, f., *phitak*, f., curse.

mutnu; add P. *mūtārnā*.

raṇḍī; add P. *raṇḍī*, widow.

karāi, cauldron; add P. *kaṛāhī*.

lāro; add P. *laurā*.

cilimci, basin, lw. H. fr. Ps.; add *cilam* fr. Ps., -*cī* fr. Turk.

chamchamnu, c.-*garnu*; add P. *chan chan*, jingling, tinkling.

Professor Turner derives *kāphar*, coward, fr. *kāfir*, but hesitates about *kābu*, cowed, fr. *qābū*, on account of "difference of meaning". The difference seems less in the latter case than in the former, and the derivation may surely be accepted.

katā-ho-katā, adv. expressing emphasis; add Cf. H. *kahī*, anywhere, much (more than); thus, to put the N. sentences into H.; *Silīgurī se Dārjiling kahī acchā hai* (much better than); *sārā shahr ghūmā, us ghar kā kahī patā nā lagā*. Professor Turner asks if this is derived from

katā. No doubt it is. Might we not say that *katā* here means "anywhere", like *kahī*, and that *katā-ho-katā* is the emphatic form?

The following P. words are mere lws. fr. H. The forms which I add in parenthesis are the real ones: *khelnā* (*khednā*) *hillnā* (*hallnā*) shake, *phārnā* (*pārnā*) split, *jotnā* (*jonā*) yoke.

The accuracy of the proof-reading is extraordinary, and reflects the utmost credit on the compiler and his wife. Very little has escaped them. I have noticed the following errors. Some of them are probably quite correctly copied from the source consulted, and the proof-readers have no responsibility.

111 *kāghārṇā* and *-ūrṇā*, read *kh-* and *-nā*.

111 *khāgālṇā*; better *hāgālṇā*.

125 *kullhnā*, read *khullhnā*.

137 *garmī*, read *garmī*.

209 *jam'āt*, read *jamā'at*.

246 P. *ṭekaṇ*, read *ṭekkaṇ*.

360 P. *paṭṭnā*, better *putṭnā*.

494 H. *marhaṭṭe*, read *marahṭe*, *marhaṭe*.

513 P. *munṇā*, read *munnnā*.

555 *Lāhor*, read *Lāhaur*.

558 P. *lukṇā*, read *lukkṇā*.

645 T. W. Bailey, read H. W. Bailey.

Read *ṣ* for *ś*, *ṣ*, *s*, in the following H. words: 116 *khalāṣī*, 117 *khaṣm*, *khasī*, 272 *tafṣīl*, 539 *rukṣat*, 609 *ṣīrf*, 640 *hiṣṣa*, *hiṣṣadār*; and *ṣ* for *z* in 635 *hāzīrī*, 642 *haiza*; and *ḷ* for *l* in the Lahndī words 402 *phal*, 405 *phālā*, 436 *bālaṇ* (the verb; the noun would be *bāllaṇ*), 632 *hal*, pair of oxen.

We are told on p. xxiii that the Pj. words are taken from Mayā Singh's Dict. That useful, if somewhat loosely arranged, volume ignores the sound *ḷ*, and confuses *n* with *ṇ*. Consequently, many P. words containing *ḷ* appear in it with the south P. form in *l*, and infins. which have roots ending in *r* or *ṛ* are printed now with *n* and now with *ṇ*. This is a pity, for the distinction between *ḷ* and *l*, and between *ṇ* and *n* is well worth preserving. In the *Nep. Dict.* there was no choice but to print as the original source did. The best rule is to make all P. infins. end in *-nā*, except those with roots in *-r*, *-rh*, *-ṛ*, *-ṛh*, which should end in *-nā*. The difference between *ṛṇā* and *ṛnā* in rapid speech is negligible, but *ṛṇā* differs widely from *rnā*.

A few P. words taken at random which should have *ḷ* are *ubaḷṇā*, boil; *phaḷ*, fruit; *phaḷ*, blade; *paḷṇā*, be nourished; *miḷṇā*, meet.

A little point, illustrating the care which the compiler has everywhere exercised, is the use of *r* instead of the customary *w* in Pj. words. The amount of avoidable mispronunciation among Europeans which has been caused by the use of *w* for *r* in other books (including some of mine) is distressing to contemplate. *w* occurs in Pj. only as an alternative to *ũ* in such words as *adw'āṇā*, water-melon; *dwāṇā*, cause to be given.

The *r* dialect of Kś. This interesting village dialect is referred to twice (see *ghāro*, 157; *saṛnu*, 582). Under *moro*, 520, a village word *moṛ*^u is given for the town dialect along with the real town word *mor*^u. Under *laṛnu*, fight, K. *laḍun* is said to be "prob. lw. H.P."; I prefer to say "lw. vill. K. *laṛun*". In many other places I should recommend reference to the vill. dialect. Thus, to mention a few: *caro*, bird, K. *tsūr*^u; *caṛnu*, ascend, K. *tsaṛun*; *bhīr*, crowd, K. *bīr*; *birālo*, cat, K. *brōṛ*^u, *byōṛ*^u; *chaṛ*, basket, K. *tshaṛ*; *chaṛ*, bar, K. *chīṛ*^u; *chaṛnu*, sprinkle, K. *chīṛkāwun*; *choṛnu*, leave, K. *chorun*; *jaṛnu*, set, K. *jaṛun*; *jor*, pair, K. *joṛā*; *jori*, pair, K. *jūr*ⁱ; *guliyo*, sugar, K. *goṛ*; *laṛāi*, strife, add K. *laḍōy*ⁱ, lw. vill. K. *laṛōy*ⁱ; *paṛnu*, read, add K. *paḍun*, lw. vill. K. *paṛun*; *kāṛnu*, eject, add vill. K. *kaṛun*, lw. H. (for here the vill. form should be *kaḍun*). Such references would elucidate a matter of importance.

There is a large class of onomatopoetic words, and Dr. Turner often mentions that a word belongs to it. It might be too much to ask that he should always do this, yet sometimes it is not clear that a word is onomatopoetic (e.g. *khaṭākhaṭ*, without interruption; *kharkhar*, without stopping; *khuskhus*, whispering). One might not realize that these are merely imitative words or derived from such words, and it would be well to say it in each case.

-*bāj*, 431. Through an oversight it is stated simply that -*bāj* is a suffix in *naṣebāj*, nothing being said about other words, such as *botal-bāj*, *dagābāj*, etc. In the case of -*dār* many examples are given.

Great praise must be given for the careful differentiation of causal verbs, which breaks new ground in dictionaries, for this is the first in which the distinction has been consistently made. I made it for Urdu and Pj. (*Bull. S.O.S.*, V, iii, 519, 1929). Here it is made for Nepali. It applies doubtless to other Indo-Aryan languages. The rule is briefly this: causals of intr. verbs mean to cause to do; of trans. verbs to cause to be done. Thus *jokhāunu*, cause to be weighed, have weighed; but *dugurāunu*, cause to run.

Another feature of the dictionary is the occasional comparison of

meanings (as distinct from forms). Thus for *lekh*, mountain-chain, we are referred to Eng. "line of mountains"; and for Pk. *thunna*, proud, lit. stopped, to Eng. "stuck up", 298. There are only a few of these comparisons; it would be difficult to increase their number, for a systematic attempt to discuss comparative semantics would entail the compilation of a second dictionary.

And so we come to the end of this wonderful volume. I have mentioned above a few things for consideration in the forthcoming Supplement, but I feel almost as if I should be ashamed of myself for doing so. It is as if passing through undulating fields of the richest mellow corn, I had taken note of a half-ripe or over-ripe grain, here and there, among thousands of the best. Professor Turner's colleagues in the University of London, and his *alma mater*, the University of Cambridge, which has given him the degree of Litt.D. in recognition of his labours, will be proud to remember their association with one who has produced a work of such outstanding ability and learning.

I, too, bring my tribute of admiration, gratitude, and thanks.

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Phil Coyle - Cambridge

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